CITY OF MANCHESTER
LABOR VINCIT
INCORPORATED JUNE 4TH 1846

SEVENTIETH

ANNUAL REPORT

OF THE

RECEIPTS AND EXPENDITURES

OF THE

CITY OF MANCHESTER

NEW HAMPSHIRE

FOR THE YEAR

DECEMBER 31, 1915

INCLUDING THE

OTHER ANNUAL REPORTS AND REPORTS

RELATING TO THE AFFAIRS

OF THE CITY

MANCHESTER, N. H.
PRINTED BY JOHN B. CLARKE CO.
1916

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MANCHESTER CITY GOVERNMENT, 1915.

Mayor.

HARRY W. SPAULDING.....Office, City Hall

Chosen at election in December, 1914. Salary, $3,000 per annum, payable semi-monthly.

Mayor's Clerk and Stenographer.—Ruth L. Stearns.

Aldermen.

Ward 1. Albert L. Clough, 181 Walnut street.
Ward 2. Charles F. McDonald, 53 Ash street.
Ward 3. Abraham L. Garmon, 517 Manchester street.
Ward 4. John S. Hurley, 179 Pine street.
Ward 5. Charles S. Currier, 346 Lake avenue.
Ward 6. Harry R. Bennett, 594 Somerville street.
Ward 7. Gustav F. Wenzel, 146 Second street.
Ward 8. Arthur T. Beaumier, 30 Putnam street.
Ward 9. Euclide F. Geoffrion, Jr., 494 Hevey street.

Board of Common Council.

George L. King, President.

Ward 1.

Dana A. Emery, 1458 Elm street.
Andrew S. Fantom, 676 Maple street.
George L. King, 75 Sagamore street.

Ward 2.

Charles W. Bailey, 79 Water street.
Tom W. Robinson, 78 Ashland street.
John Frank Sullivan, 230 Pearl street.

WARD 3.

Charles A. Allen, 585 Belmont street.
Joseph M. Druker, 435 Hanover street.
Arthur P. Morrill, 296 Laurel street.

WARD 4.

James L. Glynn, 201 Grove street.
Patrick J. Horan, 282 Summer street.
Michael J. O'Brien, 194 Auburn street.

WARD 5.

Fred D. Pierce, 283 Laurel street.
Samuel A. Rouleau, 154 Mystic avenue.
Dana M. Wilson, 410 Lake avenue.

WARD 6.

William O. Corbin 443 Holly avenue.
William H. Marshall, South Willow street.
Edward J. Robitaille, 72 Bachelder avenue.

WARD 7.

Charles S. Clement, 253 West Hancock street.
Archibald A. Gorham, 23 Bath street.
August F. Schmalfuss, 199 Huntress street.

WARD 8.

Louis D. Gagne, 283 Bartlett street.
Reinhardt Hecker, 33 Adams street.
George Jacques, Jr., 320 Dubuque street.

WARD 9.

Gaston Fredette, 129 Alsace street.
Treffle Raiche, 286 Coolidge avenue.
Henry Voisard, 495 Rimmon street.

Clerk of Common Council.

John A. Meade, 100 Bedford street. Salary, $200.

City Clerk.

Arthur W. Phinney.....Office, City Hall

Salary, $2,000. Residence, 356 Manchester street. Also clerk of all committees of the board of aldermen.

City Clerk's Clerks.

Eva G. Jones.....City Clerk's Office, City Hall
Malvina B. Levesque.....City Clerk's Office, City Hall

City Auditor.

James E. Dodge.....Office, City Hall

Salary, $2,000. Residence, River road north.

Auditor's Clerk.

Lizzie M. Cogswell.....Auditor's Office, City Hall

City Treasurer.

Fred L. Allen.....Office, City Hall

Salary, $2,000. Residence, 567 Beech street.

Treasurer's Clerk.

Florence H. James.....Treasurer's Office, City Hall

Collector of Taxes.

Victor W. Roy.....Office, City Hall

Salary, $2,000. Residence, 104 Sagamore street.

Collector's Clerk.

Mabel L. How.....Collector's Office, City Hall

Deputy Collector of Taxes.

Edwin C. Paul.....Collector's Office, City Hall
Abraham S. Rich.....Collector's Office, City Hall
Denis Vigneault .....Collector's Office, City Hall
Albert J. Peloquin.....Collector's Office, City Hall
Salary, $1,000.

City Solicitor.

Charles D. Barnard.....Office, Bank Building

Salary, $1,200. Residence, 518 Manchester street.

City Messenger.

James R. Ferson.....Office, City Hall

Salary, $1,200. Residence, 38 Everett street.

City Physician.

H. Scott Pattee.....Residence, 220 Prospect St.
Office, 967 Elm St.

Salary, $1,200.

City Weigher.

*Gilbert Lyons. Office, city scales, Franklin street.
Alfred E. Morse. Office, city scales, Franklin street.
Salary, $600 per annum; all fees for weighing returned monthly to city treasurer with sworn statement.

Sealer of Weights and Measures.

John E. Piller, 81 Parker street.
Salary, $1,350 per year and $150 per year for horse hire.

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*Gilbert Lyons died and Morse was elected to vacancy.

Board of Aldermen.

STANDING COMMITTEES.

Accounts.—Aldermen McDonald, Beaumier, Currier.
Bills on Second Reading.—Aldermen Clough, McDonald, Hurley.
City Farm.—Aldermen Hurley, Wenzel, Beaumier.
Claims.—Aldermen Garmon, Beaumier, Hurley.
Cemeteries.—Alderman Clough, Garmon, Bennett, Wenzel, Geoffrion.
Enrollment.—Aldermen McDonald, Bennett, Currier.
Finance.—The Mayor, Aldermen Garmon, Hurley.
Fire Department.—Aldermen Bennett, Clough, Garmon.
Lands and Buildings.—Aldermen Garmon, Wenzel, McDonald.
Licenses.—Aldermen Wenzel, McDonald, Hurley.
Lighting Streets.—Aldermen Clough, Bennett, Geoffrion.
Military Affairs.—Aldermen Currier, Geoffrion, Beaumier.
Public Health.—Aldermen Beaumier, Geoffrion, Hurley.

Board of Common Council.

STANDING COMMITTEES.

No. 1. Central Department, Auditor's, Engineer's, and Department of Taxes.—Councilmen Druker, Hecker, Emery, Gagne, and O'Brien.

No. 2. Street and Sewer Department.—Councilmen Jacques, Sullivan, Gorham, Rouleau, and Corbin.

No. 3. School Department.—Councilmen Wilson, Robinson, Druker, Glynn, and Corbin.

No. 4. Fire Department and Hydrant Service.—Councilmen Glynn, Schmalfuss, Wilson, Clement, and Fantom.

No. 5. Public Buildings and Public Places.—Councilmen Robitaille, Hecker, Clement, Marshall, and O'Brien.

No. 6. Health, Police Department, Public Library, Patriotic, Charitable, and Philanthropic.—Councilmen Pierce, Voisard, Raiche, Allen, and Morrill.

No. 7. Lighting Streets.—Councilmen Gorham, Bailey, Gagne, Fredette, and Horan.

Committee on Finance.

President of the Common Council, Chairman, *ex officio*, and Councilmen Druker, Jacques, Wilson, Glynn, Robitaille, Pierce, and Gorham.

Committee on Enrollment.

Councilmen Bailey, Schmalfuss, and Voisard.

Engineer.

Samuel J. Lord.....Office, City Hall

Salary, $3,000. (Chosen by board of public works, April, 1911, term six years.)

ENGINEER'S ASSISTANTS.

George W. Wales.
Harry M. Young.
Alfred T. Dodge.
Henry T. Worthen.
Harold M. Haskell.
Frank D. Carr.
Henry F. Bailey.
David S. Keith.
John J. McAllister.

Water Commissioners.

Office at court house, corner Franklin and West Merrimack streets. Telephone at office and pumping station.

The Mayor, *ex officio*.
Charles H. Manning, chairman. Term expires January, 1919.
Walter G. Africa. Term expires January, 1917.
Edgar J. Knowlton. Term expires January, 1916.
Charles M. Floyd. Term expires January, 1920.
Perry H. Dow. Term expires January, 1921.
Arthur M. Heard. Term expires January, 1918.

Clerk of Board of Water Commissioners.

Edgar J. Knowlton.....Office, Court House, Franklin Street

Chosen by Water Commissioners annually.

Superintendent of Water-Works.

James H. Mendell.....Office, Court House, Franklin Street

Salary, $2,500. Chosen by Water Commissioners annually. Residence, 1019 Union street.

Water Registrar.

John L. Wade.....Office, Court House, Franklin Street

Engineer at Old Pumping Station.

Jerome J. Lovering.

Engineer at New Pumping Station.

Samuel McDonald.

Police Court.

Charles A. Perkins, justice.
Arthur S. Healy, associate justice.
Robert C. Laing, clerk.
John R. McLane, probation officer.

Police Commissioners.

Frank W. Sargeant, chairman. Term expires September 1, 1917.
Frederick W. Shontell, clerk. Term expires September 1, 1915.
Oscar F. Moreau, clerk. Term expires September 1, 1918.
Almus W. Morse. Term expires September 1, 1916.

Chief of Police.

Michael J. Healy.....Office at Police Station

Salary, $3,000. Residence, 304 Central street.

Deputy Chief of Police.

John M. East.....Office at Police Station

Salary, $1,800. Residence, 569 Hanover street.

Captain of the Watch.

James J. Hampston. Salary, $3.50 per day. Residence, 372 Lowell street.

Sergeants.

John F. Cassidy. Salary, $3.25 per day. Residence, 569 Hanover street.

William F. Foye. Salary, $3.25 per day. Residence, 374 Spruce street.

John J. Lynch. Salary, $3.25 per day. Residence, 1436 Elm street.

Martin W. Rourke. Salary, $3.25 per day. Residence, 360 Manchester street.

Albert C. Robitaille. Salary, $3.25 per day. Residence, 589 Montgomery street.

Inspectors.

Clifton B. Hildreth. Salary, $3.25 per day. Residence, 68 Webster street.

William M. Moher. Salary, $3.25 per day. Residence, 10 Cartier street.

Charles R. Healy. Salary, $3.25 per day. Residence, 288 Bridge street.

Electrician.

Edward H. McQuaid. Salary, $3.25 per day. Residence, 412 Cedar street.

Clerk and Stenographer.

John F. Griffin. Salary, $3.25 per day. Residence, 868 Union street.

Night Clerk.

Alfred F. Eaton. Residence, 252 Walnut street.

Patrolmen.

Armstrong, Thomas
Badger, John C.
Bean, Randall W.
Benoit, Aurel N.
Brown, John G.
Brown, Thomas F.
Conlon, Arthur J.
Connor, John J.

Coolidge, Edgar L.
Corbett, Michael H.
Cronin, Cornelius J.
Davis, Parker
Dunn, James F.
Dustin, Frank J.
Enright, Arthur F.
Farrell, Joseph A.
Freeman, Harry J.
Gauvin, Napoleon J.
Glynn, Frank
Graf, Oscar J.
Hackett, James
Hadlock, Sherman J.
Healy, John D.
Jennings, Peter J.
Kenney, George H.
Lovejoy, George A.
Mahar, William
Manning, Thomas E.
Marden, Frank W.
Mathieu, Alfred J.
McGrath, Matthew F.
McIntosh, Thomas
Moody, Dana H.
Moriarty, Mortimer J.
Moran, John F.
O'Connor, Jeremiah J.
O'Dowd, John T.
O'Leary, John D.
O'Malley, John F.
Pennett, John E.
Philbrook, Arthur T.
Pittman, J. Foster
Potts, John
Riorden, George P.
Russell, Albert
Scannell, Frederick S.
Scannell, Walter B.
Shea, Jeffrey
Sheehy, Patrick
Smith, John F.
Smith, Roswell J.
Somers, Elmer E.
Steele, Thomas E.
Stewart, William J.
Sullivan, Florence
Sweeney, James
Tuson, Edwin F.
Vaughan, Patrick F.
Watts, Jesse E.
Welch, John T.
Whalen, Michael J.
Young, Chester E.

Salary, $3.00 per day for regulars; $2.75 and $2.50 per day for special.

Janitors of Station.

Edward F. Jones, residence 24 South street.
Thomas Chandonnet, residence 124 Merrimack street.

Matron.

Miss A. B. Brown. Salary, $425 per annum.. Residence at station.

School Committee.

Chosen at the election in December, 1914, mayor and president of the common council members, *ex officio*. The board of school com-

mittee choose the clerk of the board, the superintendent of public instruction, the truant officer, and the teachers in the public schools, and determine their salaries. They have charge of the purchase of free text-books and other supplies, and are limited by the appropriations of the city councils. The salary of the committee is $25 each per year.

Harry W. Spaulding, Mayor, *ex officio*, chairman.
George L. King, president of Common Council, *ex officio*.
Ward 1. Allan M. Wilson, 293 Myrtle street.
Ward 2. George M. Watson, 17 Oak street.
Ward 3 William A. Phinney, 450 Manchester street.
Ward 4. Francis J. Hurley, 263 Green street.
Ward 5. George Waldo Browne, 329 Massabesic street.
Ward 6. Edward C. Healy, 23 Hall street.
Ward 7. Henry A. Caswell, 107 Boynton street.
Ward 8. Lucien J. Martin, 30 Putnam street.
Ward 9. Arthur Martineau, 369 Hevey street.
William A. Phinney, vice-chairman of the board.

Charles H. Martel, clerk of the board.

Superintendent of Schools.

Charles W. Bickford.....Residence, 1077 Union Street

Superintendent's Clerk.

Marcia R. Winship.

Truant Officer.

Curtis W. Davis.....Office, City Hall

Assistant Truant Officer.

Harry J. Woods.....Office, City Hall

Clerk for Truant Officers.

Alexander J. Demers.

Assessors.

Joseph H. Geisel. Term expires January, 1917.
Joseph O. Tremblay. Term expires January, 1920.
William P. Farmer. Term expires January, 1919.
Joseph O. Tremblay, chairman.
Salary, $2,000.

CLERKS.

Arthur W. Rowell.....Office, City Hall
Harry J. Briggs.....Office, City Hall

Overseer of the Poor.

Joseph L. Boudreau.....Office, City Hall
Residence, 131 Orange street

Compensation, $1,200 per annum and an allowance of $150 for traveling expenses.

Overseer's Clerk.

Juliette E. Melancon. Salary, $660 per annum.

Board of Health.

William K. Robbins. Term expires first Monday in February, 1916.
Timothy F. O'Connor. Term expires first Monday in February, 1917.
Gustave Lafontaine, M. D. Term expires first Monday in February, 1918.
Salary, $380 each per annum. Office, Court House, West Merrimack, corner of Franklin street.
William B. Blake, sanitary inspector. Office, Court House, Merrimack, corner of Franklin street.
John F. Looney, sanitary inspector. Office, Court House, Merrimack, corner of Franklin street.
Joseph X. Duval, sanitary inspector. Office, Court House, Merrimack, corner of Franklin street.
Carl O. Seaman, plumbing and milk inspector. Office, Court House, Merrimack, corner of Franklin street.
M. Alma Fracker, office clerk.
Gustave Lafontaine, M. D., president.
William K. Robbins, clerk.

Fire Department.

Chief Engineer.

Thomas W. Lane.....Office, Central Station, Vine Street
Residence, 1937 Elm street

Deputy Chief Engineers.

Charles H. French.....Office, Central Station, Vine Street
Edwin W. Merrill.....Office, Engine 2, Main street

Edwin W. Merrill, Clerk.

Trustees of City Library.

(Law of 1854, chapter 1588. See contract with Manchester Atheneum, printed on pages 107 and 108 of City Report for fiscal year ending January 31, 1855.) Board of seven trustees, one of whom is elected by aldermen and board of trustees in joint convention in September, annually. Term of service, seven years, no salary. Two additional trustees, mayor, and president of common council, *ex officio.*

Frank P. Carpenter, Elm, corner West North street. Term expires October 1, 1916.

Herman F. Straw, 607 Chestnut street. Term expires October 1, 1921.

Walter M. Parker, 1883 Elm street, corner of Webster. Term expires October 1, 1920.

Roger G. Sullivan, 168 Walnut street. Term expires October 1, 1919.

Henry W. Boutwell, 587 Union street. Term expires October 1, 1918.

William P. Farmer, Candia road. Term expires October 1, 1917.

Edwin F. Jones, 15 High street. Term expires October 1, 1922.

Harry W. Spaulding, *ex officio.*

George L. King, *ex officio.*

Edwin F. Jones, clerk.

Old City Library.

Franklin street, corner of Dean avenue.

Carpenter Memorial Library.

Pine street, between Concord and Amherst streets, facing Concord Common. Open from 9 A. M. to 9 P. M. Sundays, 1.30 P. M. to 6 P. M.

Librarian.

F. Mabel Winchell, 593 Union street. Salary, $1,200 annually. Elected by the trustees of library.

Board of Public Works.

Two members elected by board of mayor and aldermen, in April, for a term of six years.

Harry W. Spaulding, mayor.
William McElroy. Term expires April, 1918.
Charles F. Read. Term expires April, 1920.
Harry W. Spaulding, chairman.
Samuel J. Lord, clerk.

Engineer of Board.

Elected by board of public works for a term of six years.
Samuel J. Lord. Term expires April, 1917.

Trustees of Cemeteries.

Two trustees elected by board of aldermen in January, annually, for the term of four years. Sub-trustees appointed by board of trustees.

Edwin F. Jones. Term expires January, 1916.
Harrie M. Young. Term expires January, 1916.
Frank C. Livingston. Term expires January, 1917.
Johann A. Graf. Term expires January, 1917.
Charles F. Read. Term expires January, 1918.
William H. Morgan. Term expires January, 1918.
William H. Maxwell. Term expires January, 1919.
Charles E. Stearns. Term expires January, 1919.

Sub-Trustees of Cemeteries.

PINE GROVE CEMETERY.

Alderman Clough, chairman; Alderman Garmon, Messrs. Graf, Jones and Young. Edwin F. Jones, clerk.

VALLEY CEMETERY.

Alderman Bennett, chairman; Alderman Wenzel, Messrs. Read, Livingston and Morgan. Frank C. Livingston, clerk.

AMOSKEAG CEMETERY.

Alderman Geoffrion, chairman; Messrs. Stearns and Maxwell. William H. Maxwell, clerk.

TRUSTEES OF CEMETERY FUNDS.

Elected by the board of mayor and aldermen in the month of September for a term of ten years.

Norwin S. Bean, clerk. Term expires January, 1920.
Charles H. Anderson. Term expires January, 1925.
Harry W. Spaulding, *ex officio*, chairman.

SUPERINTENDENT OF PINE GROVE CEMETERY.

John Erskine. Office and residence at the cemetery.

SUPERINTENDENT OF VALLEY CEMETERY.

Eugene C. Smith. Office at the cemetery; residence, 272 Mast street.

SUPERINTENDENT OF AMOSKEAG CEMETERY.

George C. Harwood. Residence, Amoskeag.

Superintendent of Public Buildings and Inspector of Buildings.

Created by chapter 284 of the Session Laws of 1911. Elected in the month of April by board of aldermen for a term of four years. Salary, $2,000, and $200 for traveling expenses.

Harry S. Foster, term expired April, 1915.....Office, City Hall
James A. Rogers, elected April, 1915.....Office, City Hall

Inspector's Assistant.

J. B. Lariviere.....Inspector's Office, City Hall

Inspector of Oil.

Martin Moll, 45 Barr street.
Paid by fees, ¼ of one percent per gallon.

Board of Examiners of Plumbers.

William K. Robbins, president. Term expires November 1, 1916.
Samuel J. Lord, clerk, *ex officio*.
Edward C. Corey. Term expires November 1, 1919.
Appointed by mayor.

Sinking Fund Commissioners.

Harry W. Spaulding, chairman.
Fred L. Allen, clerk and treasurer.
Charles H. Manning.

Registrars of Voters.

Charles B. Tucker, term expires April, 1918.
Alfred Forant, term expires April, 1917.
Edward J. Flanagan, term expires April, 1916.
Alfred Forant, chairman.
Charles B. Tucker, clerk.

Selectmen.

Salary $40.00, payable at expiration of term.

WARD 1.

Samuel W. Shephard. Frank J. Abbott.
James R. Mason.

WARD 2.

Wilson F. Higgins. Alfred Anderson.

WARD 3.

Willie F. Bean. Amidee Beliveau.
Carl A. Peterson.

WARD 4.

Herman B. Neal. John W. Finn.
Shirley E. Worthen.

WARD 5.

John F. Kelley. Charles G. Long.
Michael F. Murphy.

WARD 6.

Alvin G. Bean. Carlton G. Stevens.
Michael J. Thornton.

WARD 7.

Byron W. Blodgett. Alfred Gosslin.
Maurice Waismen.

WARD 8.

David G. Ramsey. Albert Parent.
Thomas L. Bergeron.

WARD 9.

Elmer H. Berglund. Matthew H. Walley.
William G. Patterson.

WARD 10.

Henry Weber. William Major.
Charles A. Newell.

WARD 11.

Frank H. Caldwell. Samuel C. Forsaith.
Herman S. Greager.

WARD 12.

John Brunner. Patrick D. Lynch.
Alfred J. Demers.

WARD 13.

Zotec Lemire. Pierre Lallier.
John St. Cyr.

Moderators.

Salary, $25.00, payable at expiration of term.

Ward 1. William B. Burpee.
Ward 2. Harry T. Lord.
Ward 3. William E. Felch.
Ward 4. Albert E. Blanchard.
Ward 5. Martin E. Sullivan.
Ward 6. Andrew Bunton.
Ward 7. Joseph O. Goudette.
Ward 8. George J. Lavigne.

Ward 9. Herbert E. Richardson.
Ward 10. Eben Wheeden.
Ward 11. George W. Cheney.
Ward 12. Frank J. Hamel.
Ward 13. Joseph Montplaisir.

Ward Clerks.

Salary, $50.00, payable at expiration of term.
Ward 1. Frederick S. Nutting.
Ward 2. Darwin J. Forsaith.
Ward 3. George W. Prescott.
Ward 4. Henry A. Worthen.
Ward 5. Martin L. Mahoney.
Ward 6. Joseph A. Tremblay.
Ward 7. Stephen D. French.
Ward 8. Charles A. O'Connor.
Ward 9. Donald McIntire.
Ward 10. Myron Johnson.
Ward 11. Emile L. Masse.
Ward 12. August Messier.
Ward 13. Ludger D. Dancose.

MAYOR'S INAUGURAL ADDRESS.

MAYOR'S INAUGURAL ADDRESS.

Gentlemen of the City Government:

It is my purpose to discuss city affairs only briefly, and to point out wherein certain departments may be placed on a more efficient, economical and systematic basis, and to offer some suggestions and recommendations which, in my judgment, will raise our long established system of municipal government to a higher and more modern business level.

PLATFORM.

At all times every city official should bear in mind that we are a great municipal corporation, that our every effort should be exerted to improve our business and increase our efficiency. Our citizens demand a fair and adequate return for their money invested, and we must so conduct the affairs of this corporation that all our people will derive a just proportion of the benefits to which they are entitled.

I believe in concentration of authority so that responsibility may be fixed. I believe that more power should be given to the mayor, making it impossible for him to dodge the issue in case of failure. Divided authority, placed in the hands of many, too often creates loop holes which prove convenient avenues of escape. Just criticism should be welcomed and not evaded. If the mayor is to be held accountable for the conduct or misconduct of city affairs, he should be given power in every city department commensurate with this responsibility.

These suggestions of centralization of authority are made in order to establish a more economical and efficient form of city government.

Many of our streets demand immediate attention. Everyone is interested in this subject. As already promised I propose to do something to improve existing conditions. The coöperation and support of every member of this city government is needed in this effort and if an adequate return for the money expended is demanded and sufficient authority given the mayor to insist upon this demand, I am convinced that a decided improvement will be noticed by the people of Manchester.

Our public parks and commons are in need of immediate attention, particularly the walks, and I believe the public demand that these breathing spots shall be placed and kept in such condition that we may take pride in them and that they may add to the beauty and ornamentation of our city.

The maintenance of city dumps is a menace to the public health which is of the utmost importance. These dumps should be abolished. I believe that the most modern and sanitary way to dispose of the city garbage is by destruction, and I am in favor of an incinerating plant for this purpose and the issuance of bonds to defray the expense of installation. This matter is important and I shall address the city government more in detail in a special message.

It is needless for me to call attention to the condition of some of our sidewalks. It is deplorable and in some instances almost dangerous. Such a state of affairs should not longer be tolerated. I propose to act in this matter just as soon as weather conditions allow such work to be done. If property owners have not sufficient civic pride to make these necessary public improvements, then I believe the power already conferred upon the city of Manchester by the legislature is sufficient to remedy this condition, and I shall not hesitate to use it.

These are some of the public improvements to which the people are entitled and for which I intend to work.

Fire Department.

One of the largest and most important of our city departments is the Fire Department. Speaking generally, I believe it has served the city well; its members are held in high esteem and their work is deeply appreciated.

I do believe, however, that it could be placed upon a more efficient and effective basis, its usefulness increased and a saving made in its cost to the city. Politics should have no place in the management of this or any other city department.

Earnest and serious attention and careful study on the part of members of our city government is urged, that some plan of improvement may be proposed for this department. I believe that this question is of sufficient importance to warrant a special message, after a more thorough and detailed investigation of the entire situation.

Lighting Streets.

The contract for municipal lighting expires this year. I am in favor of a short term contract, and from investigation am convinced that the city is entitled to a better rate than it now receives. I believe that the lighting of all municipal buildings should be arranged by contract and not by meter as at present. Improvements are constantly being made in lights and methods of lighting and we should insist upon the benefit of all these modern devices. Lights should be installed for the public good and not for political or private reasons.

School Department.

This department is obviously vital to the welfare and future of our children and of our city, and we should demand and receive only the

best. Some changes ought to be made in the present system. Harmony should and must prevail among all persons connected with our schools.

Jealousies and personal differences, which for some time past have been flaunted in the eyes of the public, tend to demoralize our schools.

If those employed to manage and control our public schools are great educators with the welfare of our children and our schools sincerely at heart they ought to be sufficiently broad minded to work together without discord and with one purpose only in mind. I shall do everything within my power to accomplish this object.

Giving more power and authority to a superintendent of schools would be a step in this direction. I believe he should have general supervision over all our public schools and teachers; that he should be superintendent in fact, as well as in name. He would then be entitled to the support of the school board and the public in case of success; in case of failure it would be the duty of the school board to place this management in other hands.

That the superintendent should not be impeded in his work and in the interest of a more efficient school system, I believe that all subcommittees should be abolished. Some of our schools are overcrowded and this condition must be remedied at once. This subject requires careful study that we may adopt the wisest and best method for the relief of this congestion. I offer these suggestions with the hope that they will be given due consideration by the school board.

Board of Public Works.

This department seems to be subject to criticism by a larger number of people than any other because it has control and supervision over most of our public improvements. It is important to all the people and one in which the mayor is vitally interested. The creation of this board meets with my approval, but the act by which it was established should be amended. The mayor is made the head of this department, is held responsible for what it does or fails to do and he should therefore be given more power in the board, so that the success or failure of this department should and ought to be charged directly to him. The powers of the board itself should be enlarged, it should have the right to appoint agents and subordinates responsible directly to the board and this authority should not be delegated away as the present law provides. The board should not be compelled to appoint an agent for a specified term of years, but to serve at its pleasure. This would make the Board of Public Works directly liable for the acts of its subordinates.

If the acts of the board are to be charged directly to the mayor, and I believe in this concentration so that responsibility cannot be shifted, then the mayor should have the power to appoint the other

two members subject to confirmation by the Board of Aldermen. If this plan were adopted, it would be an easy matter to trace any failure of duty in this department and its acts would not be beyond the control of the people. As previously stated, I believe that much more for the benefit of the public and our city will be accomplished by this department, without additional burden upon the people, provided the city government gives me their support. Your coöperation will be needed in my effort to bring about these proposed changes in the law by legislative enactment.

Board of Common Council.

In 1897 the city charter was so amended that all the powers formerly vested in the Board of Common Council and the City Councils jointly were vested in the Board of Mayor and Aldermen, reserving to the Board of Common Council the power to decide upon the amount of money to be raised by taxation in each year. This is the only power possessed by the Common Council today, except the right to elect the members of the Board of Assessors. The Board of Mayor and Aldermen and every city department annually sends to the Board of Common Council an estimate of the amount of money required for expenses in their respective departments. These estimates form the basis upon which the Common Council performs its work. After the appropriations are made, the Common Council has no voice in the expenditure of the money.

It is my opinion that this power of appropriation should be exercised by the Board of Mayor and Aldermen, and I recommend that with the expiration of the present year the Board of Common Council be abolished. This will require a change in our city charter, will mean an annual saving of several thousand dollars to the city in salaries, will be in line with a more modern and efficient system of municipal government and at the same time will concentrate authority, all of which I believe will result in a better business administration.

Purchasing Agent.

Along this line of a better and more economical system of management I believe the time has come when the amount of business yearly transacted by our municipal corporation warrants consideration of the advisability of a Purchasing Agent. The cost of office and small supplies, including printing and stationery, used by our several city departments, amounts to many thousands of dollars each year. If the head of each department made requisition for these supplies, I think it would result in a great saving to the city and would be a more business-like method of conducting our affairs. This proposed system might be given a fair trial without the creation of any new office or the payment of any additional salary.

In General.

That our system of doing business may be examined and analyzed with the purpose of ascertaining if a more efficient and economical method can be devised and suggested, one that will simplify and bring into closer touch and harmony all departments, I propose to appoint a small committee of business men who shall serve without pay or expense to the city, and if after careful research they are able to suggest changes along these lines, to lay the matter before you for consideration.

Conclusion.

I have made the above suggestions and recommendations only after serious thought and with the sole purpose of placing our city affairs on a more efficient and economical basis. I have paid no attention to political consequences, and throughout the year will try to do only those things which will be for the best interest of all our citizens.

In this endeavor I ask for the support of every city official, because only by working together and with one object in view, can we accomplish the greatest good.

It may be necessary later to submit other suggestions and recommendations regarding municipal affairs to the members of the city government, so that we may at all times have a mutual understanding about questions arising in the conduct of the city's business.

Wise economy, efficiency, concentration and coöperation, with a determination to do our best, should always be in our minds. I pledge you my support in this effort and ask yours in return.

I take this opportunity to publicly thank the citizens of Manchester for the honor conferred upon me and give my assurance that at all times what is best for our city will be my constant aim, and I shall work diligently and faithfully to accomplish something worth while for Manchester and its people.

REPORT OF THE CITY AUDITOR.

REPORT OF THE CITY AUDITOR.

To the Board of Mayor and Aldermen:

GENTLEMEN—The auditor herewith submits to your honorable body his report, giving a tabular statement of the receipts and expenditures for the year 1915, and a detailed statement of the expenses of each appropriation during the year.

Respectfully,
JAMES E. DODGE,
City Auditor.

Report of the City Treasurer for the Year 1915.

DR.

Temporary loans in anticipation of taxes, 1915:		
Manchester Savings Bank	$50,000.00	
First National Bank	50,000.00	
Amoskeag National Bank	50,000.00	
Farmers' Loan & Trust Co.	150,000.00	
Bond & Goodwin	100,000.00	
		$400,000.00
Premium received		13.50
Trustees of sinking fund:		
For the payment of Improvement Bonds maturing April 1, 1915	$100,000.00	
For the payment of Water Bonds maturing December 16, 1915	50,000.00	
		150,000.00
Sale of bonds:		
Blodget & Co., 150 4% Destructor Plant Bonds in denomination of $1,000 each	$150,000.00	
Premium @ 101.80	2,700.00	
		152,700.00
E. H. Rollins & Sons, 75 4% Hospital Bonds in denomination of $1,000 each	$75,000.00	
Premium @ 100.78	585.00	
Accrued interest	200.00	
		75,785.00

E. H. Rollins & Sons, 100 4% Water Refunding Bonds in denomination of $1,000 each	$100,000.00	
Premium @ 101.27	1,270.00	
		$101,270.00
Baker, Ayling & Co., 75 4% Bridge & Sewer Bonds in denomination of $1,000 each	$75,000.00	
Premium @ 101.02	765.00	
Accrued interest	441.67	
		76,206.67
State of New Hampshire:		
Insurance tax	$4,901.62	
Railroad tax	48,689.54	
Savings bank tax	100,069.57	
Literary fund	4,687.80	
Building and Loan tax	38.09	
		158,386.62
N. H. Board of License Commission:		
Balance of license fees, 1914	$2,394.71	
Licenses, 1915	53,014.96	
		55,409.67
Arthur W. Phinney, City Clerk:		
Dog licenses	$2,734.83	
Sewer licenses	2,825.46	
Rent of tenement	91.63	
Show licenses	1,574.64	
Junk dealers' licenses	330.17	
Job team licenses	48.00	
Employment bureau licenses	26.68	
Rent of city farm	1,020.00	
Billiard, pool and bowling licenses	2,305.28	
Roller skating licenses	55.00	
Dance hall licenses	405.00	
Public convenience station	344.80	
Rent of battery building	200.00	
School committee declarations	63.00	
Bottle washing licenses	5.00	
Miscellaneous receipts subway convenience station	22.90	
Fees, intention of marriage	781.00	
mortgages	299.17	
conditional sales	161.75	
corporations	23.50	
miscellaneous records	65.00	
writs	7.20	
assignment of wages	14.80	
partnerships	2.50	
discharges	63.25	
		13,470.56

Municipal Police Court:		
Michael J. Driscoll, clerk	$149.04	
Robert C. Laing, clerk	2,300.96	
		$2,450.00
Pine Grove Cemetery:		
J. H. Erskine, superintendent, care of lots	$10,631.82	
Fred L. Allen, treasurer, sale of lots	3,240.01	
		13,871.83
Merrill Cemetery:		
J. H. Erskine, superintendent, care of lots		76.00
Valley Cemetery:		
E. C. Smith, superintendent, care of lots		2,070.00
Amoskeag Cemetery:		
George C. Harwood, care of lots		39.00
City Scales:		
Gilbert Lyons	$154.38	
John Madden	4.96	
Alfred E. Morse	89.44	
		248.78
Board of Health:		
Milk licenses	$485.50	
Board of patients at Isolation Hospital	269.62	
		755.12
Interest on Bank Deposits:		
Merchants National Bank	$4,079.57	
Victor W. Roy, collector	769.44	
		4,849.01
School Department:		
Charles W. Bickford, superintendent, tuition	$2,330.86	
Free text-books	182.10	
Evening school forfeitures	259.85	
		2,772.81
Board of Public Works:		
Manchester Street railway	$28,312.95	
Boston & Maine railroad	6,000.00	
State of New Hampshire	15,732.88	
Miscellaneous	8,964.86	
		59,010.69
Miscellaneous Receipts:		
Overdraft, George D. Fitts, city library	$2.15	
W. M. Parker, treasurer, Suncook Valley R. R., dividend on 500 shares of railroad stock (1½% January 1, 1915, and July 1, 1915)	1,500.00	

F. X. Laflamme, money received on certified check September 11, 1914, on account of forfeiture of contract to build addition to police station	$1,000.00	
Board of Public Works, garbage licenses	69.50	
New England Telephone & Telegraph Co., commission on tolls at High School	1.28	
New England Telephone & Telegraph Co., commission on tolls at City Hall	.53	
Sampson & Murdock Co., 75 maps of the City of Manchester (Engineer's Dept.)	40.62	
H. S. Foster, superintendent of buildings, old junk sold	62.92	
State of New Hampshire, forest fire bills	37.38	
John M. East, deputy chief, collection from boys for damage done to the bath house, Piscataquog river	42.00	
S. J. Lord, clerk of examiners of plumbers, plumbers' licenses	121.00	
James Costakis, 50 desks bought from School Department	87.50	
Ford Motor Car Co., rebate on automobile, Pine Grove Cemetery	50.00	
Ford Motor Car Co., rebate on automobile, Health Department	50.00	
Charles D. Barnard, city solicitor, service of mortgagees notices received from the tax collector	64.75	
Charles F. Jack, old furniture sold from Varney School	5.00	
T. W. Lane, chief of fire department, sale of old hose	74.49	
		3,209.12
Tax Department, Victor W. Roy, Collector:		
Taxes, 1915	$1,093,500.00	
Taxes, 1914	86,104.40	
Redemption of land sold for taxes	4,200.12	
Interest on taxes to June 1, 1915	2,316.67	
Costs on taxes to June 1, 1915	2,245.76	
Fees recording redemptions at Nashua from January 1, 1915, to July 1, 1915	41.25	
Fees for recording tax sale of May 24, 1915	69.25	
Advertising and sale non-resident tax for the year 1914	7.00	
Advertising and sale resident tax for the year 1914	430.00	

Old taxes, 1908	$2.94	
Old taxes, 1910	3.01	
Old taxes, 1911	13.89	
Old taxes, 1912	56.64	
Old taxes, 1913	841.69	
		$1,189,832.62
Water Department:		
J. H. Mendell, superintendent		166,295.27
Receipts for the year		$2,628,722.27
Cash on hand January 1, 1915		145,469.75
Unpaid bills December 31, 1915		53,837.53
		$2,828,029.55

CR.

Total drafts for the year	$2,521,919.31
Unpaid bills January 1, 1915	43,985.69
Cash on hand December 31, 1915	262,124.55
	$2,828,029.55

Respectfully submitted,

FRED L. ALLEN,

City Treasurer.

This is to certify that I have examined the accounts of Fred L. Allen, City Treasurer, for the year ending December 31, 1915, and find proper vouchers for all payments and all receipts duly accounted for.

The net cash on hand January 1, 1915, was	$101,484.06
Receipts during the year	2,628,722.27
Total	$2,730,206.33
Amount of drafts during the year	$2,521,919.31
Net cash on hand December 31, 1915	208,287.02
Total	$2,730,206.33

Cash taken December 31, 1915, I find to be as follows:

Deposited in Merchants National Bank, Manchester	$218,294.25
Deposited in Second National Bank, Boston	37,609.05

Deposited in office safe, currency.....	$1,222.88	
Deposited in office safe, paid warrants....	4,998.37	
		$6,221.25
Gross amount of cash on hand December 31, 1915....		$262,124.55
Deduct amount of unpaid bills December 31, 1915.....		53,837.53
Net amount of cash on hand December 31, 1915.....		$208,287.02

JAMES E. DODGE,
City Auditor.

STATEMENT OF THE RECEIPTS AND EXPENDITURES OF THE CITY OF MANCHESTER FOR THE YEAR 1915.

RECEIPTS.

CENTRAL DEPARTMENT.

Received from:		
Direct city taxes	$1,180,522.57	
Cost and interest on taxes	4,562.43	
		$1,185,085.00
Licenses to enter sewer	$2,825.46	
keep dog	2,734.83	
sell milk	485.50	
keep billiard and pool tables, lunch carts, etc.	3,178.13	
shows and exhibitions	1,571.64	
Fees and rents from city clerk.....	1,709.80	
		$12,505.36

SUNDRIES.

Received from:		
City scales	$248.78	
Tuition, free text-books and fines.....	2,772.81	
Board of health	269.62	
Miscellaneous sources	1,874.60	
Fees, city solicitor	64.75	
Dividend, Suncook Railroad	1,500.00	
Fees, tax collector	110.50	
Fees, coin lock, subway comfort.....	367.70	
		$7,208.76

POLICE DEPARTMENT.

Received from:		
Costs and fines		$2,450.00

PUBLIC PLACES.

Received from:		
Amoskeag cemetery	$39.00	
Merrill cemetery	76.00	
Valley cemetery	2,070.00	
Pine Grove cemetery	13,921.83	
		$16,106.83

WATER-WORKS.

Gross receipts	$166,295.27

CITY FARM.

Received for rent of city farm	$1,020.00

LIQUOR LICENSES.

Received from state liquor commissioners for licenses	$55,409.67

MISCELLANEOUS.

Received from:		
Plumbers' licenses	$121.00	
Interest	4,849.01	
Land redeemed from tax sale	4,200.12	
Overdraft	2.15	
Garbage licenses	46.00	
Board of Public Works, sale of stone, pipe, etc., and for labor	59,074.81	
		$68,293.09

Total ordinary receipts during the year 1915	$1,514,373.98

DEBT.

Received from:		
Sinking fund commissioners	$150,000.00	
Bonds sold	400,000.00	
Premium on bonds	5,961.67	
		$555,961.67

TEMPORARY LOAN.

Received from loan in anticipation of tax of 1915.....		$400,000.00

STATE.

Received from:		
Insurance taxes	$4,901.62	
Railroad taxes	48,689.54	
Savings Bank taxes	100,069.57	
Building and Loan taxes	38.09	
Literary fund	4,687.80	
		$158,386.62
Gross receipts		$2,628,722.27
Net cash on hand January 1, 1915.....		101,484.06
		$2,730,206.33

EXPENDITURES.

CENTRAL DEPARTMENT.

Interest on water bonds	$14,220.00	
city bonds	50,859.50	
cemetery bonds	3,322.50	
temporary loans	8,144.47	
		$76,546.47
City hall	$4,342.20	
Printing and stationery	2,878.32	
Incidental expenses	12,773.37	
Mayor's incidentals	300.00	
City officers' salaries	28,930.03	
Auditor's department	3,042.19	
Sinking fund trustees	17,885.00	
Assessors' department	12,000.00	
Building department	5,158.27	
Land sold for taxes	3,609.62	
Land taken for highways	1,501.63	
Preserving old records	179.00	
		$92,599.63

DEPARTMENT OF PUBLIC WORKS.

Board of public works	$14,641.68
Snow and ice and cleaning streets	25,553.24
Repairs of highways	70,112.00
Street sweeping	13,169.83
Watering streets	7,614.10
Paving streets	51,154.66

Macadamizing and new highways	$91,853.52	
Grading for concrete	7,946.11	
Scavenger service	49,067.94	
Lighting streets	62,290.59	
Bridges	5,054.40	
Elm street bridge	30,724.83	
City teams	22,786.43	
Repairs of sewers	11,286.78	
New sewers	30,791.73	
Brown-tail and gypsy moth	10,888.23	
Machine sweeping	3,041.35	
Cutting and trimming trees	2,730.51	
Elm leaf beetle	4,078.16	
Oiling streets	5,264.34	
Head & Dowst purchase	7,718.75	
Destructor plant	169.10	
		$527,938.28

ENGINEER'S DEPARTMENT.

Engineer's department	$12,960.63

HEALTH DEPARTMENT.

Health department	$20,396.50

SCHOOL DEPARTMENT.

Fuel	$12,973.52	
Furniture and supplies	1,329.65	
Books and stationery	26.19	
Printing and advertising	684.48	
Contingent expenses	9,418.94	
Care of schoolrooms	15,992.24	
Teachers' salaries	172,638.58	
Evening schools	2,068.42	
Evening schools, mechanical drawing	174.00	
Care of school clocks	259.50	
Free text-books	12,152.28	
Manual training	490.00	
Repair of school furniture	486.91	
School officials' salaries	7,650.00	
Additions to Chandler, Maynard and Wilson schools	14,756.23	
		$251,100.94

CITY LIBRARY.

City library		$17,000.00

FIRE DEPARTMENT.

Fire department	$133,201.86	
Fire-alarm telegraph	10,739.24	
Hydrant service	24,250.00	
		$168,191.10

POLICE DEPARTMENT.

Police court	$2,612.49	
Police station	5,488.07	
Police commission	93,725.07	
		$101,825.63

PUBLIC BUILDINGS.

New fire-alarm and building	$3,314.38	
Repairs of public buildings	26,433.23	
Subway comfort	3,812.12	
Board of examiners of plumbers	45.48	
Care of city clocks	123.75	
Women's and children's ward, site and building	29,997.03	
		$63,725.99

WATER-WORKS.

Water-works	$109,818.78	
Water-works sinking fund	46,250.00	
		$156,068.78

PUBLIC PLACES.

Commons	$5,041.01
Stark park	2,972.80
Derryfield park	957.11
Lafayette park	2,200.91
Prout park	22.71
East Side park	335.08
West Side park	671.60
Walker park	5,000.00
Miscellaneous playgrounds	2,798.66
Merrill cemetery	100.00

Amoskeag cemetery	$250.00	
Valley cemetery	5,491.24	
Pine Grove cemetery	20,046.10	
		$45,887.22

CHARITABLE, PATRIOTIC AND PHILANTHROPIC.

Paupers off farm	$24,925.79	
Indigent soldiers	392.98	
Women's Aid Home	300.00	
Elliot Hospital	300.00	
Notre Dame de Lourdes Hospital	300.00	
Sacred Heart Hospital	300.00	
W. C. T. U. Mercy Home	300.00	
Infant Asylum	300.00	
St. Joseph's Orphanage	300.00	
Hospice St. Vincent de Paul	300.00	
Orphanut St. Pierre	300.00	
Animal Rescue League	300.00	
Manchester Boys' Club	300.00	
St. John's Home	300.00	
Young Men's Christian Association	300.00	
St. Patrick's Girls' Home	300.00	
West Side Reading Room	200.00	
District Nursing Association	300.00	
Settlement Association	300.00	
Notre Dame de Lourdes Girls' Orphanage	300.00	
Infant Aid Association	300.00	
Girls' Club	200.00	
Salvation Army	200.00	
Annie Squire Helping Hand Society	200.00	
N. H. Children's Aid and Protective Society	200.00	
Decoration of soldiers' graves	491.25	
Militia	1,000.00	
Band concerts	300.00	
		$33,510.02

Total of ordinary municipal expenditures $1,567,751.19

TEMPORARY LOAN.

Temporary loan	$400,000.00	
Temporary note	8,250.00	
		$408,250.00

BONDED DEBT.

School bonds	$15,000.00	
City bonds	130,000.00	

Water bonds	$150,000.00	
Cemetery bonds	2,000.00	
		$297,000.00

STATE AND COUNTY TAXES.

State tax	$145,656.00	
County tax	103,262.12	
		$248,918.12
Grand total of expenditures during the year		$2,521,919.31
Cash on hand December 31, 1915	$262,124.55	
Less unpaid bills	53,837.53	
		208,287.02
		$2,730,206.33

Interest.

Appropriation	$62,000.00	
Transferred from water-works account	14,220.00	
Transferred from unappropriated money	326.47	
		$76,546.47

EXPENDITURES.

Coupons on bridge bonds	$3,840.00	
city loan bonds	3,832.50	
cemetery bonds	2,962.50	
cemetery refunding bonds	360.00	
destructor plant bonds	2,860.00	
fire-alarm bonds	3,325.00	
hospital bonds	1,260.00	
improvement bonds	12,810.00	
macadamizing and sewer bonds	4,000.00	
municipal bonds	2,800.00	
refunding bonds	7,240.00	
school bonds	5,080.00	
street and sewer bonds	3,812.00	
water bonds	14,220.00	
		$68,402.00
Amoskeag National Bank, discount on notes	$1,399.17	
Bond & Goodwin, discount on notes	437.50	
The Farmers Loan & Trust Co., discount on notes	2,911.46	

First National Bank, discount on notes.....	$1,399.17	
Manchester Savings Bank, discount on notes..	1,399.17	
Trustees of Cemetery Fund, interest on bond	268.00	
Trustees of Sinking Fund, discount on notes	330.00	
		$8,144.47
Total expenditures		$76,546.47

Payment of Funded Debt.

Appropriation	$47,000.00	
Received from sinking fund account	250,000.00	
		$297,000.00

EXPENDITURES.

Bridge bonds	$5,000.00	
Cemetery refunding bonds	2,000.00	
Fire-alarm bonds	5,000.00	
Improvement bonds	105,000.00	
Macadamizing and sewer bonds.....	5,000.00	
Refunding bonds	5,000.00	
School bonds	15,000.00	
Street and sewer bonds	5,000.00	
Water bonds	150,000.00	
		$297,000.00

Sinking Fund.

Appropriation	$17,885.00

EXPENDITURES.

Trustees of Sinking Fund, amount appropriated.....	$17,885.00

Unappropriated Money.

RECEIPTS.

Transferred from the following accounts:		
City hall	$157.80	
Printing and stationery	621.68	

City officers' salaries	$6,069.97	
Building department	841.73	
Preserving old records	21.00	
Lighting streets	709.41	
Engineer's department	2.38	
Health department	2,528.50	
Fire department	2,252.39	
Fire-alarm telegraph	1,089.76	
Repairs of public buildings	66.77	
Women's and children's ward, site and building	2.97	
Care of city clocks	36.25	
Pine Grove cemetery	3.90	
Valley cemetery	8.76	
Books and stationery	23.81	
Fuel	1,026.48	
Furniture and supplies	170.35	
Care of rooms	7.76	
Teachers' salaries	5,061.42	
Care of school clocks	40.50	
Repair of school furniture	13.09	
Manual training	10.00	
Evening schools	431.58	
Evening school, mechanical drawing	26.00	
Paupers off farm	59.21	
Indigent soldiers	7.02	
Board of examiners of plumbers	4.52	
Band concerts	50.00	
Decoration of soldiers' graves	8.75	
New sewers	37,208.27	
Commons	458.99	
Derryfield park	42.89	
Prout park	477.29	
Oiling streets	6,735.66	
West Side park	328.40	
Destructor plant	152,530.90	
Free cash in treasury	38,029.82	
		$257,165.98

EXPENDITURES.

Transferred to the following accounts:		
Interest	$326.47	
Incidental expenses	5,273.37	
Land taken for highways	1,501.63	
New fire-alarm and building	634.23	
Police station	2,488.07	

Police commission	$525.07	
Police court	2,612.49	
Subway comfort	112.12	
Printing and advertising	384.48	
Contingent expenses	2,418.94	
School officials' salaries	150.00	
Free text-books	152.28	
Land sold for taxes	609.62	
Brown-tail and gypsy moth	5,739.74	
Cutting and trimming trees	1,230.51	
Repairs of sewers	4,286.78	
City teams	4,786.43	
Street sweeping	3,169.83	
Scavenger service	9,067.94	
Grading for concrete	1,946.11	
Snow and ice and cleaning streets	9,553.24	
Board of public works	5,041.68	
Paving streets	28,301.43	
Macadamizing and new highways	76,853.52	
New sewers	40,000.00	
Additions to Chandler, Wilson and Maynard schools	50,000.00	
		$257,165.98

Temporary Loan.

Appropriation	$8,250.00	
Amoskeag National Bank	50,000.00	
Bond & Goodwin	100,000.00	
Farmers Loan & Trust Co.	150,000.00	
First National Bank	50,000.00	
Manchester Savings Bank	50,000.00	
		$408,250.00

EXPENDITURES.

Notes in anticipation of taxes	$400,000.00	
Trustees of Sinking Fund, note	8,250.00	
		$408,250.00

City Hall.

Appropriation	$4,500.00

Expenditures.

FUEL, LIGHTS, TELEPHONE, WATER.

L. B. Bodwell, coal	$737.12	
J. Newell Brown, weighing coal	6.25	
J. H. DeCourcy Coal Co., wood	20.26	
Manchester Traction, Light & Power Co., electric lights	733.68	
Maxwell Ice Co., wood	10.00	
New England Telephone & Telegraph Co., service	39.23	
People's Gas Light Co., gas	7.60	
Water Commissioners, use of water	47.20	
		$1,601.34

CLEANING OFFICES, ETC.

The Barton Co., cheese cloth	$9.24	
Charles J. Beliveau, janitor	900.00	
Cudahy Packing Co., grit powder	14.80	
Dustwax Manufacturing Co., dustwax	12.50	
L. M. Folsom, cheese cloth	.75	
Manchester Hardware Co., toilet paper, dusters, shovel, etc.	16.71	
Office Toilet Supply Co., toilet service	52.00	
Israel Smith, janitor	300.00	
Patrick E. Ryan, janitor	600.00	
C. D. Steele, soap	.92	
Maria Tracy, cleaning	420.00	
John B. Varick Co., pails, brooms, dusters, towels, matches, soap	56.56	
		$2,383.48

FURNITURE AND SUPPLIES.

The Barton Co., awnings, and labor	$114.30	
E. M. Bryant & Co., lamps	1.55	
Farrell Brothers, green shades	1.35	
George D. Fitts, bookcases	12.50	
Hale & Whittemore, gilding	.30	
Library Bureau, card units	23.50	
Manchester Coal & Ice Co., ice	30.16	
Manchester Traction, Light & Power Co., lamps	9.90	
People's Gas Light Co., 1 mantle	.25	
Pike & Heald Co., tin boxes	2.40	
F. J. Stearns, 1 hear phone	3.50	
		$199.71

INCIDENTAL REPAIRS.

The Barton Co., repairing flag	$0.50	
Finney Upholstering & Window Cleaning Co., pressed seats	2.00	
A. L. Franks & Co., repairing electric fan	5.30	
N. J. Fontaine & Co., caning chairs	8.65	
Walter E. Graf, cartage	.25	
C. A. Hoitt Co., shades and covering table tops	19.25	
H. A. Piper, making pay box for treasurer	9.81	
		$45.76

INSURANCE PREMIUMS.

William G. Berry	$36.77	
George Blanchet	3.38	
Clough & Parker	3.38	
Dockham & Thorpe	11.25	
Putnam & Laflamme	23.38	
John A. Sheehan	22.50	
G. A. Vermille Insurance Agency	11.25	
		$111.91
Total expenditures		$4,342.20
Transferred to unappropriated money		157.80
		$4,500.00

Printing and Stationery.

Appropriation	$3,500.00

EXPENDITURES.

TAX COLLECTOR.

Remy Bechard, printing	$2.50	
John B. Clarke Co., printing	166.80	
L'Avenir National, cards	3.25	
Ruemely Press, cards (Polish, Greek, French, English)	36.00	
E. A. Stratton Co., printing	12.50	
		$221.05

CITY CLERK.

John B. Clarke Co., printing	$417.00	
E. A. Stratton Co., printing	9.50	
		$426.50

CITY TREASURER.

John B. Clarke Co., printing	$25.25	
E. A. Stratton Co., printing	3.50	
		$28.75

MAYOR.

John B. Clarke Co., printing	$52.50	
Ruemely Press, printing	8.00	
		$60.50

AUDITOR.

John B. Clarke Co., printing 400 copies city report	$796.67	
John B. Clarke Co., printing 500 pay-rolls	5.50	
Ruemely Press, printing bill heads	12.60	
Temple & Farrington Co., binding 130 copies city report	125.00	
Temple & Farrington Co., binding extra copies	15.00	
Temple & Farrington Co., binding dictionary	1.50	
Arthur E. Vogel, printing slips	2.00	
		$958.27

BOARD OF REGISTRARS.

John B. Clarke Co., printing	$1,004.75

CITY SOLICITOR.

John B. Clarke Co., printing	$5.75

SEALER OF WEIGHTS AND MEASURES.

John B. Clarke Co., printing	$7.50

CITY MESSENGER.

John B. Clarke Co., printing	$4.50	
Ruemely Press, printing	3.50	
		$8.00

CITY COUNCIL.

John B. Clarke Co., printing	$153.50	
Williams Printing Co., printing	3.75	
		$157.25
Total expenditures		$2,878.32
Transferred to unappropriated money		621.68
		$3,500.00

Incidental Expenses.

Appropriation	$7,500.00	
Transferred from unappropriated money	5,273.37	
		$12,773.37

EXPENDITURES.

BIRTHS AND DEATHS.

M. P. Badger, M. D.	$5.75
Walter A. Bartlett, M. D.	.75
George L. Bastian, M. D.	10.50
W. L. Biron, M. D.	50.50
D. L. Black, M. D.	.50
Marya Bozek	47.50
H. W. Boutwell, M. D.	.75
A. A. E. Brien, M. D.	.25
A. M. Cambadhis, M. D.	.50
Damase Caron, M. D.	33.75
I. L. Carpenter, M. D.	5.00
Charles Chirurg, M. D.	3.25
Herman L. Christophe, M. D.	8.25
C. O. Coburn, M. D.	15.25
James M. Collity, M. D.	4.75
Walter T. Crosby, M. D.	6.75
E. H. Currier, M. D.	1.75
Charles L. Curtiss, M. D.	4.75
Mary S. Danforth, M. D.	3.00
George M. Davis, M. D.	6.50
R. H. Dillon, M. D.	5.00
E. B. Dunbar, M. D.	10.00
John Ferguson, M. D.	4.25
George V. Fiske, M. D.	8.25

Charles F. Flanders, M. D.	$16.25
C. A. Folsom, M. D.	17.25
George S. Foster, M. D.	4.25
J. H. Gleason, M. D.	4.25
Moise Guerin, M. D.	16.00
N. E. Guillet, M. D.	.25
George B. Hoitt, M. D.	6.75
John F. Holmes, M. D.	14.75
Bertha Huot	.25
Ezra A. Jones, M. D.	13.25
M. E. Kean, M. D.	6.25
L. J. Lacasse, M. D.	90.00
Gustave Lafontaine, M. D.	14.00
Susan Laflamme	.25
J. E. Larochelle, M. D.	51.25
Z. A. Lavoie, M. D.	70.75
J. E. Lemaitre, M. D.	3.00
Wm. R. Lightbody, M. D.	2.75
Wm. H. Lyons, M. D.	24.75
Anna Lipinski	1.50
J. W. D. MacDonald, M. D.	.75
C. G. McDuffie, M. D.	1.75
Lillian B. Mahan, M. D.	2.75
A. S. Mangurian, M. D.	3.25
N. D. Michou, M. D.	19.25
Samuel Miller, M. D.	10.50
Emile D. Miville, M. D.	37.75
G. B. Morey, M. D.	1.25
John T. Murray, M. D.	9.75
C. E. Newell, M. D.	.25
D. C. Norton, M. D.	.50
John C. O'Connor, M. D.	31.75
George H. Packard	.25
N. P. Papathopulos, M. D.	.50
D. W. Parker, M. D.	4.25
H. S. Pattee, M. D.	3.75
W. M. Parsons, M. D.	.75
J. R. Pepin, M. D.	13.00
Frederick Perkins, M. D.	3.75
James F. Pherson, M. D.	8.50
A. J. Pitman, M. D.	3.00
Anna Pollmer	.25
James J. Powers, M. D.	4.00
A. S. Rich	.75
J. F. Robinson, M. D.	4.50
F. N. Rogers, M. D.	4.75
J. E. E. Roy, M. D.	15.00

B. E. Sanborn, M. D.	$4.75	
F. P. Scribner, M. D.	8.75	
Henry L. Stickney, M. D.	2.75	
Zatae L. Straw, M. D.	14.50	
Charles A. Sturtevant, M. D.	4.50	
Charles B. Sturtevant, M. D.	.75	
Emile Sylvain, M. D.	11.75	
Joseph Taylor, M. D.	15.00	
W. A. Thompson, M. D.	12.50	
M. H. Towle, M. D.	2.50	
E. C. Tremblay, M. D.	8.75	
Arthur J. Todd, M. D.	.25	
Mrs. S. Vamvas	.25	
Ellen A. Wallace, M. D.	.75	
George M. Watson, M. D.	12.00	
Maurice Watson, M. D.	22.00	
Norman B. Webber, M D.	5.00	
R. W. Weeks, M. D.	9.50	
Arthur F. Wheat, M. D.	5.50	
George C. Wilkins, M. D.	11.50	
Chauncy Adams, Concord, N. H.	.25	
H. W. N. Bennett, M. D., Londonderry, N. H.	.25	
C. E. Butterfield, M. D., Suncook, N. H.	.50	
J. A. Charest, M. D., Nashua, N. H.	.25	
C. H. Cook, M. D., Concord, N. H.	.25	
P. W. F. Corning, M. D., Londonderry, N. H.	2.75	
Wm. Richardson, M. D., Londonderry, N. H.	.25	
B. G. Moran, Nashua, N. H.	.25	
H. W. Robinson, Candia, N. H.	.50	
Maurice Stark, M. D., Goffstown, N. H.	.25	
		$940.50

MARRIAGES.

Rev. Carl M. Ahlberg	$0.25
Rev. Henri Beaude	1.25
Rev. O. F. Bousquet	1.00
Rev. John J. Bradley	1.50
Rev. J. M. Brenin	.75
Rev. J. S. Buckley	1.00
Rev. Gustave G. Carlson	.25
Rev. Herbert W. Carr	.50
Rev. Thomas Chalmers	3.75
Rev. J. A. Chevalier	14.25
N. L. Colby estate	11.00
Rev. Charles G. Cole	.50
James Costakis	.50

C. L. Corliss	$0.25
Rev. Ora W. Craig	1.75
Rev. C. R. Crossett	.75
Rev. I. H. C. Davignon	18.75
Rev. T. J. E. Devoy	9.25
Rev. J. H. Dickson	1.25
Rev. Andre Doucet	1.25
Rev. L. J. A. Doucet	2.50
Joseph M. Druker	2.25
Clement Dube	1.50
Rev. J. E. A. Evert	1.25
Ferdinand Farley	.25
Rev. E. P. Farrell	3.75
I. E. Forbes	.25
W. W. Forbes	.50
Rev. M. R. Foshay	2.00
Rev. David Fraser	2.75
Rev. Agathangelos Galatianos	.25
Rev. Benjamin Gardner	.50
Rev. D. E. Gorman	2.00
Rt. Rev. G. A. Guertin	.25
Rev. M. Hagar	75
Rev. James F. Happny	2.00
Arthur B. Hayden	1.00
Rev. George R. Hazard	1.25
Arthur S. Healy	.25
Rev. John Kamm	3.50
Carroll S. King	.50
Henry A. Laxson	.25
Rev. F. X. Leclair	2.00
Rev. A. J. Leclerc	.50
George A. Little	.25
Rev. B. W. Lockhart	3.25
Harry T. Lord	.25
Rev. John J. Lyons	4.50
Rev. F. X. Lyons	.50
Benjamin J. Mack	.75
T. H. Madigan, Jr	.25
Rev. E. A. Martel	1.25
Rev. L. H. Martin	1.00
Rev. James McGill	1.25
Frank A. Mulvanity	.75
Rev. H. M. B. Ogilby	1.50
Anson C. Osgood	1.25
Clinton S. Osgood	.50
Rev. E. J. Palisoul	.75
Rev. Cyrilos Papagregoriou	6.25

J. B. Pattee	$0.25
Charles A. Perkins	.25
David W. Perkins	.75
Rev. Raphael Pfisterer	1.50
Arthur W. Phinney	2.50
Stephen Plaza	3.00
Rev. Frank A. Powell	.25
Rev. J. B. Puchala	25.00
Rev. L. A. Ramsay	2.50
Fred K. Ramsey	.25
Herman Rodelsperger	2.50
Rev. George Sardunis	5.00
Arthur E. Shirley	.25
Rev. James W. Smith	1.75
Rev. A. Streletsky	1.00
D. J. Sullivan	.25
Rev. H. J. Tetreault	.25
Rev. G. B. Thomas	1.50
Rev. S. M. Vasilos	.75
Rev. Leonard Walter	.50
Rev. William Warren	2.75
Albert H. White	.25
Rev. John Wildey	.25
Allan M. Wilson	.25
Rev. William Woods	.50
Rev. H. C. Whitcomb	2.25
Rev. John Zacharko	8.00
Rev. Edwin J. Aiken, Concord, N. H	.25
Rev. C. R. Bailey, Revere, Mass	.25
Fred H. Brown, Somersworth, N. H	.25
Rev. Irving C. Brown, Franklin, N. H	.25
Aug. Brunn, Holyoke, Mass	.25
Rev. Joseph C. Cadoret, Troy, N. H	1.25
Rev. Joseph Czabek, Salem, Mass	.25
Rev. I. J. Dunn, Derry, N. H	.25
Rev. C. H. Farnsworth, Concord, N. H	.25
Rev. W. H. Getchell, Pittsfield, N. H	.25
Rev. J. E. Grigorieff, Boston, Mass	.25
Stephen L. Hallinan, Nashua, N. H	.25
Rev. C. Harmantas, Nashua, N. H	2.75
Rev. T. W. Harwood, Pembroke, N. H	.25
Rev. Michael Hassan, Worcester, Mass	.25
Rev. J. A. Lessard, Rollinsford, N. H	.25
Rev. Adolphus Linfield, Lincoln, N. H	.25
Rev. G. E. Lovejoy, Lawrence, Mass	.25
Fr. Basile Mahas, Lawrence, Mass	.25
Rev. Joseph Melancon, Claremont, N. H	.25

Thomas F. Moran, Nashua, N. H.	$0.25	
Rev. Thomas O'Leary, Concord, N. H.	3.00	
Elwin L. Page, Concord, N. H.	.25	
Rev. J. W. Presby, Auburn, N. H.	.25	
Rev. James N. Seaver, Milford, N. H.	.25	
Rev. Joseph Simpson, Rochester, N. H.	.25	
Rev. Leo Tyllo, Nashua, N. H.	2.00	
Rev. Edgar Warren, Hampton, N. H.	.25	
		$205.25

DAMAGES AND JUDGMENTS.

A. Bruno, damage by water	$7.00	
Fredrich Brether, damage by water	25.00	
Cole Dry Cleansing Co., damage to automobile	15.00	
Arthur B. Hill, damage to automobile	20.00	
John J. Kenney, damages to premises, from city playground	15.00	
Francena Laird, damage to real estate by water, judgment and costs	153.43	
W. P. Paige, horse injured and killed	250.00	
H. B. Reed Co., judgment by agreement	3,175.00	
		$3,660.43

LEGAL SERVICES.

W. L. Holyoke, services, Flynt Construction Co. v. City	$40.00	
Ferdinand Farley, stenographer, services and transcript of notes, investigation of fire department	57.50	
T. Raiche, services, Mendell v. City	15.00	
Taggart, Burroughs, Wyman & McLane, time, services and expenses, Mendell v. City	503.10	
Leonard C. Wason, expert testimony, Mendell v. City	102.60	
Calvin R. Wood, recording deeds	2.15	
		$720.35

CITY COUNCILS AND COMMITTEES.

Leo A. Cavanaugh, use of teams	$5.00	
Caron & Lambert, use of teams	11.50	
H. W. Eager, automobile, hospital committee to Worcester, etc.	62.50	
Hanover Street Garage, use of automobiles	277.78	

L'Avenir National, publishing ordinances and notice	$51.13	
Rapid Mailing Bureau, Inc., 50 copies of resolutions	9.00	
H. W. Spaulding, paid for use of automobile, road hearing	2.00	
Union-Leader Publishing Co., publishing notices and ordinances	188.50	
		$607.41

CITY SCALES.

L. B. Bodwell, coal	$17.01	
T. J. Briggs, fixing stove	1.45	
W. E. Dunbar & Sons, wood	4.00	
Johnson Sign Shop, 2 signs	1.00	
		$23.46

NEW CITY SCALES.

Amoskeag Manufacturing Co., pine lumber	$40.84	
Armour & Co., office railing	2.00	
Board of Public Works, building cement foundation	129.56	
Boston & Maine Railroad, freight	1.59	
Joseph O. Demers, labor and material installing scales	186.15	
J. Hodge, 1 door frame	2.50	
James Ried, cartage	4.50	
John B. Varick Co., 1 scale and wire	432.86	
		$800.00

MAYOR.

Finney Upholstering & Window Cleaning Co., cleaning rugs	$0.75	
George D. Fitts, N. H. registers	2.00	
J. H. Forster, overhauling machine, etc.	11.00	
W. P. Goodman, stationery	21.92	
New England Telephone & Telegraph Co., use of telephone for private secretary	2.26	
Sampson & Murdock Co., 9 directories	45.00	
		$82.93

TAX COLLECTOR.

Burroughs Adding Machine Co., attention to machine	$5.35	
John B. Clarke Co., advertising notice	14.70	

George D. Fitts, stationery	$6.03	
W. P. Goodman, stationery	4.20	
W. E. Graf, freight and cartage	.52	
Independent Statesman, advertising non-resident tax list	5.63	
H. C. Jackson, 1 moistener	1.50	
Library Bureau, supplies	15.12	
Manchester Traction, Light & Power Co., 1 oscillating fan	19.50	
Francis Pratt, Jr., pens	1.50	
Rapid Mailing Bureau, Inc., addressing 17,218 bills	111.90	
John A. Sheehan, bond for collector, premium	180.00	
Standard Carbon & Ribbon Co., ribbons	3.25	
Temple & Farrington Co., books and stationery	131.99	
John R. Willis, P. M., envelopes and printing	74.76	
John R. Willis, P. M., postage stamps	340.00	
		$915.95

CITY CLERK.

The Ault & Wiborg Co., carbon paper	$2.50	
Boston Badge Co., junk dealers' badges	22.14	
Harry Farrell, looking up unlicensed dogs	27.00	
W. P. Goodman, McMillan books and stationery	114.11	
Johnson Paper Co., bands	2.25	
Library Bureau, cards	18.91	
New England Telephone & Telegraph Co., tolls	8.75	
Star Stamp Co., die for stamp	1.00	
Temple & Farrington Co., session law	1.75	
John B. Varick Co., typewriter ribbons	10.70	
Western Union Telegraph Co., clock rental	12.00	
John R. Willis, P. M., envelopes	42.86	
		$263.97

CITY TREASURER.

Fred L. Allen, cash paid for postage stamps	$9.12
Amoskeag Savings Bank, rent of safety deposit box	15.00
Burroughs Adding Machine Co., attention to machine	.80
H. Dangel & Co., lithographed checks, numbered and bound	5.09
George D. Fitts, stationery	12.15
W. P. Goodman, stationery	18.25

Johnson Paper Co., bands	$2.25	
H. C. Jackson, 1 moistener	1.50	
Manchester National Bank, rent of safe	25.00	
Manchester Safety Deposit & Trust Co., furnishing and certifying bonds, and all expense in connection with their issue	330.00	
The Modern Telephone Tablet Co., 2 holders	1.70	
Old Colony Trust Co., preparation and certification of destructor bonds	225.00	
Old Colony Trust Co., preparation and certification of tax notes	100.00	
New England Telephone & Telegraph Co., tolls	13.77	
Remington Typewriter Co., adjusting machine	6.00	
Temple & Farrington Co., books	50.90	
John R. Willis, P. M., postals, stamps, envelopes	102.00	
		$918.53

CITY SOLICITOR.

Charles D. Barnard, expenses, sundry suits	$228.43	
Temple & Farrington Co., 1 Session Law	2.50	
		$230.93

SEALER OF WEIGHTS AND MEASURES.

F. A. Burnham, tool grip	$11.00	
The Fairbanks Co., seal and die	4.31	
George V. Hamlin, testing sealers' outfit	9.00	
Hobbs & Warren, 1 record	4.65	
New England Telephone & Telegraph Co., tolls	1.50	
John E. Piller, cash paid for express and expenses attending convention at Worcester	16.98	
Ruemely Press, printing	7.75	
James Ried, freight and cartage	11.32	
		$66.51

BOARD OF REGISTRARS.

F. A. Burnham, 1 filing cabinet	$20.00	
John B. Clarke Co., printing	2.00	
George D. Fitts, card cabinets and cards	90.03	
C. A. Hoitt Co., desks, chairs, basket	41.10	
Temple & Farrington Co., blanks, books, stamp, and stationery	92.90	
John R. Willis, P. M., envelopes	33.00	
		$279.03

COURT HOUSE.

L. B. Bodwell, coal	$769.60	
J. Newell Brown, weighing coal	10.00	
Gustave Hecker, janitor	500.00	
Willard L. Miner, janitor	250.00	
People's Gas Light Co., gas	74.20	
		$1,603.80

FOWLS, ETC., KILLED BY DOGS.

Williams Burns	$7.50	
Alexander Chagnon	18.50	
C. F. Eaton	3.00	
Timothy Hourihan	5.00	
M. Gertrude Lewis	3.00	
		$37.00

INSURANCE PREMIUMS.

William G. Berry	$7.50	
Clough & Parker	5.00	
John Dowst	5.00	
Everett & Bunton	7.50	
Hayes & Young	75.00	
Putnam & Laflamme	7.50	
John A. Sheehan	7.50	
		$115.00

ELECTION EXPENSES.

Richard J. Brown, services, ward 5 wardroom	$5.00
Leo A. Cavanaugh, transportation of ballots	3.00
Circle St. Marie, use of hall, November 2	100.00
Circle St. Marie, lamps broken	1.35
Rev. J. A. Chevalier, use of St. Cecile hall	20.00
Curran Brothers, trucking ballot boxes	3.00
I. N. Cox & Son, transportation of ballots	.50
C. DeMoulpied & Co., use of stools	.40
W. P. Goodman, stationery and books	36.05
Koscioska Society, use of Polish hall, Sept. 1, November 3, December 8, 1914	60.00
L. S. Knowlton, transportation of ballots	1.00
Harry Meloon, transportation of ballot box	1.00
Charles O'Neil, material and labor, ward 5	3.00
Etienne Paradis, automobile service	3.00
Ernest Paquette, transporting ballots	1.00

James A. Scully, use of tables and stools, ward 2	$9.25	
St. Marie Realty Co., use of Montcalm hall, election, Dec. 8, 1914	75.00	
J. O. Turcotte, use of chairs and tables	1.60	
C. B. Tucker, car fare of registrars, Lawrence, Mass.	5.00	
		$329.15

SUNDRIES.

F. L. Allen, expenses of mayor and treasurer, New York and Boston	$23.67	
Boston & Maine Railroad, transportation ticket	28.10	
Battery A, First Regiment, N. H. N. G., firing salute July 4	30.00	
James R. Ferson, paid for automobile hire	9.00	
Springfield Rubber Co., bands	5.28	
Hotel Orrington, entertaining Lawrence city officials, guests from New York, etc.	31.20	
G. J. Lanouette, use of chairs, mayor's inaugural	3.00	
Manchester Traction, Light & Power Co., electric lights, ward 2 ward room	18.20	
Manchester Traction, Light & Power Co., electric lights, ward 8 ward room	23.51	
Manchester Traction, Light & Power Co., electric lights, ward 10 ward room	20.83	
Manchester Traction, Light & Power Co., 1 row boat complete	35.65	
George E. Morrill, cash paid register of deeds, less credit in land redeemed to June 4, 1913	108.75	
George E. Morrill, cash paid for drawing off old taxes, 1905-1912 inclusive	172.50	
Arthur W. Phinney, return of births and names of children not previously reported by physicians	83.50	
Harry W. Spaulding, expenses, isolation hospital committee to Worcester, Springfield, Hartford and Providence	151.65	
Harry W. Spaulding, committee on lighting streets, lunch, telegram	6.46	
John A. Sheehan, bond for city officials	152.50	
State of New Hampshire, engrossing acts	26.25	
Town of Goffstown, taxes	5.35	
Temple & Farrington Co., 1 binder, Session Law	4.75	

John B. Varick Co., chain and padlocks, bath-house	$1.65	
Water commissioners, use of water, ward 5 and city farm	23.52	
Walsh & Cummings, first aid cabinet for bath house	7.85	
		$973.17
Total expenditures		$12,773.37

City Officers' Salaries.

Appropriation	$35,000.00

EXPENDITURES.

CENTRAL DEPARTMENT.

Harry W. Spaulding, mayor	$3,000.00
Fred L. Allen, treasurer	2,000.00
Arthur W. Phinney, city clerk	2,000.00
Victor W. Roy, tax collector	2,000.00
Edwin C. Paul, deputy collector	1,000.00
A. S. Rich, deputy collector	1,000.00
Denis Vigneault, deputy collector	416.66
Albert J. Peloquin, deputy collector	583.33
James R. Ferson, city messenger	1,200.00
Charles D. Barnard, city solicitor	1,200.00
H. Scott Pattee, M. D., city physician	1,183.34
Wm. R. Lightbody, M. D., city physician	16.66
Gilbert Lyons, city weigher	450.00
Alfred E. Morse, city weigher	140.00
John F. Madden, acting city weigher	47.53
John E. Piller, sealer of weights and measures	1,500.00
William Moher, Jr., bath house caretaker	150.00
John A. Meade, clerk common council	200.00
Patrick F. Vaughan, mayor's secretary	13.89
Charles B. Tucker, registrar	400.00
Alfred Forant, registrar	200.00
Edward J. Flanagan, registrar	162.50
Ruth L. Stearns, clerk for mayor	672.00
Florence H. James, clerk for treasurer	720.00
Mabel L. How, clerk for tax collector	840.00
Eva G. Jones, clerk for city clerk	925.00

Malvina Levesque, clerk for city clerk.....	$720.00	
Nicolas Tsemanes, deputy tax collector's assistant	50.00	
Mary Burke, clerical services, tax collector..	36.00	
Emma G. Flanders, clerical services, registrars	4.00	
Helen E. Fitch, clerical services, registrars...	56.00	
Bertha Hoffman, clerical services, tax collector	36.00	
Rose Kennedy, clerical services.....	203.75	
Mrs. M. G. Lang, clerical services, treasurer..	5.00	
Juliette E. Melancon, clerical services, registrars	4.62	
Eva Roy, clerical services, tax collector.....	116.75	
		$23,253.03

BOARD OF ALDERMEN.

Albert L. Clough, ward 1.....	$200.00	
Charles F. McDonald, ward 2.....	200.00	
Abraham L. Garmon, ward 3.....	200.00	
John S. Hurley, ward 4.....	200.00	
Charles S. Currier, ward 5.....	200.00	
Harry R. Bennett, ward 6.....	200.00	
Gustav F. Wenzel, ward 7.....	200.00	
Arthur T. Beaumier, ward 8.....	200.00	
Euclide F. Geoffrion, ward 9.....	200.00	
		$1,800.00
Nazaire E. Biron, balance due on salary for 1914		$8.00

BOARD OF COUNCILMEN.

Ward 1.	George L. King	$75.00
	Andrew S. Fantom	100.00
	Dana A. Emery	100.00
Ward 2.	Charles W. Bailey	100.00
	Tom W. Robinson	100.00
	John F. Sullivan	99.00
Ward 3.	Charles A. Allen	96.00
	Joseph M. Druker	99.00
	Arthur P. Morrill	100.00
Ward 4.	James L. Glynn	100.00
	Patrick J. Horan	100.00
	Michael J. O'Brien	99.00
Ward 5.	Fred D. Pierce	99.00
	Samuel A. Rouleau	100.00
	Dana M. Wilson	100.00

Ward 6.	William H. Marshall	$100.00	
	William O. Corbin	99.00	
	Edward J. Robitaille	100.00	
Ward 7.	August F. Schmalfuss	69.00	
	Charles S. Clement	87.00	
	Archibald A. Gorham	99.00	
Ward 8.	Louis D. Gagne	100.00	
	Reinhardt Hecker	99.00	
	George Jacques, Jr	100.00	
Ward 9.	Gaston Fredette	100.00	
	Treffle Raiche	99.00	
	Henri Voisard	100.00	
			$2,619.00

BALANCE COUNCILMEN SALARY FOR 1914.

Charles A. Allen	$3.00	
George D. Burns	3.00	
Andrew S. Fantom	1.00	
George Jacques, Jr	3.00	
John F. Kane	1.00	
George L. King	1.00	
Theophile B. Larivee	3.00	
Treffle Raiche	3.00	
Tom W. Robinson	3.00	
Edward J. Robitaille	1.00	
Louis P. Tremblay	3.00	
		$25.00
Pay-roll, ballot clerks	$520.00	
Pay-roll, selectmen	705.00	
		$1,225.00
Total expenditures		$28,930.03
Transferred to unappropriated money		6,069.97
		$35,000.00

Assessors' Department.

Appropriation	$12,000.00

EXPENDITURES.

SALARIES OF BOARD.

Joseph O. Tremblay, chairman	$2,000.00	
William P. Farmer	2,000.00	
Joseph H. Geisel	1,833.33	
		$5,833.33

Arthur W. Rowell, clerk of board	$1,400.00	
Harry J. Briggs, engineer	1,200.00	
		$2,600.00

CLERICAL SERVICES.

Lucille Barry	$118.88	
George Biron	37.50	
J. Z. W. Bernard	57.00	
Charles W. Brown	120.00	
Mary Burke	112.38	
Rachel Chapdelaine	46.64	
Frank P. Collins	84.00	
Agnes Connors	35.00	
Frank Curtis	33.00	
Adam Dabrowski	42.50	
George J. Dery	95.63	
Ira W. Dickey	42.00	
Cecily M. Donnelly	26.25	
Marion Farnham	51.75	
George B. Fitzgerald	27.50	
John T. Grauer	32.50	
Bertha Hoffman	112.38	
Rose A. Kennedy	240.63	
Sotiras Litras	50.00	
Lester Morang	57.00	
Donat B. Morency	33.75	
John Montplaisir	60.00	
John B. Montplaisir	118.26	
Dennis A. Murphy	49.50	
Aurore Parent	28.00	
Jean B. Rejimbal	49.50	
Eva M. Roy	51.75	
Abraham Rich	57.00	
Ann Splane	86.75	
Leroy M. Streeter	57.00	
George Taylor	57.00	
C. C. Tinkham	48.00	
Charles Trudell	48.13	
Adrien Tremblay	14.88	
Gustave F. Wenzel	39.00	
		$2,221.06

AUTOMOBILE AND TEAM HIRE.

Boufford, Letendre & Co	$18.50
Caron & Lambert	20.50

Leo A. Cavanaugh	$37.00	
Hanover Street Garage	1.25	
L. S. Knowlton	134.00	
Railroad Square Garage	20.00	
James W. Richards	63.00	
L. M. Streeter	15.00	
Louis Vogel	11.50	
		$320.75

SUPPLIES, ETC.

Bechard & Co., cards	$14.00	
Harry J. Briggs, cash paid for expense to Nashua	6.10	
John B. Clarke Co., printing	14.50	
John B. Clarke Co., advertising	39.00	
L. J. Dionne, two boxes for books	8.00	
W. P. Farmer, cash paid for car fares and dinners while surveying	39.60	
George D. Fitts, cards and knife for pencil sharpener	5.95	
W. P. Goodman, books and stationery	18.45	
J. H. Geisel, cash paid for twine, etc	2.20	
C. A. Hoitt Co., upholstering stool	1.75	
E. H. Holmes, truckage	3.00	
L'Avenir National, advertising notice	18.20	
Library Bureau, four-section steel cabinet	230.00	
E. I. Littlefield, typewriter ribbons	4.00	
Manchester Coal & Ice Co., ice	6.35	
Lester Morang, services with surveying party	20.00	
J. J. Moreau & Son, pencils	3.20	
New England Telephone & Telegraph Co., tolls	10.45	
Office Toilet Supply Co., toilet service	15.25	
Remington Typewriter Co., rent of machine	3.00	
Star Stamp Co., probate cards	6.50	
L. P. Tremblay, repairing drawers	1.50	
Temple & Farrington Co., books, etc	157.18	
J. O. Tremblay, cash paid for postage, car fares, expenses to sundry cities, etc	142.38	
Union-Leader Publishing Co., publishing notice	71.50	
John B. Varick Co., 1 axe and tracing cloth	17.30	
John R. Willis, P. M., stamps	155.00	
P. F. Fitzpatrick, printing permits	10.50	
		$1,024.86
Total expenditures		$12,000.00

Building Department.

Appropriation		$6,000.00

EXPENDITURES.

SERVICES.

Harry S. Foster, superintendent, salary and team hire	$592.76	
James A. Rogers, superintendent, salary and team hire	1,607.24	
J. B. Lariviere, inspector	1,252.00	
Patrick J. Stewart, clerical services	387.00	
P. M. Talford, clerical services	414.00	
		$4,253.00

SUPPLIES, ETC.

Auto Tire Co., casings	$27.20	
W. G. Berry, automobile insurance premium	45.50	
Farrell Brothers, 1 electric fan	20.45	
George D. Fitts, stationery	1.55	
W. P. Goodman, stationery	10.35	
C. A. Hoitt Co., hanging shades, etc	2.02	
Keystone Press, printing, and numbering machine and cards	25.55	
New England Telephone & Telegraph Co., tolls	12.15	
Novelty Co., typewriter ribbons	1.50	
D. F. Sullivan Auto Co., 1 Ford automobile and supplies	645.35	
John B. Varick Co., auto supplies	68.68	
Williams Printing Co., printing	2.25	
John R. Willis, P. M., envelopes	42.72	
		$905.27
Total expenditures		$5,158.27
Transferred to unappropriated money		841.73
		$6,000.00

Auditor's Department.

Balance from last year unexpended	$439.86	
Appropriation	3,300.00	
		$3,739.86

EXPENDITURES.

LABOR.

James E. Dodge, salary as auditor	$2,000.00	
Lizzie M. Cogswell, services as clerk	936.00	
		$2,936.00

OFFICE SUPPLIES.

The Barton Co., cheese cloth	$3.50	
Frank P. Bridges & Co., pens	3.00	
Lizzie M. Cogswell, cash paid for laundry and supplies	26.92	
James E. Dodge, cash paid for stamp pad, express, twine, delivering reports	2.60	
George D. Fitts, ruled paper	20.12	
W. P. Goodman, books and stationery	11.35	
Johnson's Bookstore, paper	9.28	
Manchester Hardware Co., scissors	.55	
Municipal Journal, 1 subscription to December 1, 1916	3.00	
George P. Putnam's Sons, 1 book	1.50	
Temple & Farrignton Co., binders and binding books	19.25	
John B. Varick Co., twine and paper	1.37	
Arthur E. Vogel, printing letter heads	3.75	
		$106.19
Total expenditures		$3,042.19
Balance to new account		697.67
		$3,739.86

Mayor's Incidentals.

Appropriation	$300.00

EXPENDITURES.

Harry W. Spaulding	$300.00

Damage of Land Taken for Highways.

Transferred from unappropriated money	$1,501.63

EXPENDITURES.

George C. O'Malley, Silver street extension, east of Belmont street	$501.63	
William L. Riley, Silver street, Belmont to Taylor street	1,000.00	
		$1,501.63
Total expenditures		$1,501.63

Board of Public Works.

Appropriation	$9,600.00	
Transferred from unappropriated money	5,041.68	
		$14,641.68

EXPENDITURES.

SALARIES.

William McElroy, member of board	$750.00	
Charles F. Read, member of board	750.00	
Samuel J. Lord, engineer and clerk of board	1,599.96	
		$3,099.96

DIVISION SUPERINTENDENTS AND ASSISTANTS.

Charles Francis, division No. 2	$1,200.00	
Odilon Demers, division No. 10	1,262.50	
Emile A. Blanchet, timekeeper	765.15	
F. W. Bodwell, timekeeper	336.50	
Harry T. George, timekeeper	587.19	
John J. McAllister, inspector	378.60	
Fred K. Ramsey, timekeeper	564.99	
Tom W. Robinson, inspector	1,040.94	
Cyrus A. Libbey, foreman	370.19	
		$6,506.06

CLERICAL SERVICES.

Henry F. Bailey	$357.78	
Harrie H. Clement	1,517.77	
Felix A. Lepage	832.55	
L. B. Stevens	35.00	
		$2,743.10

SUPPLIES, ETC.

American Express Co., charges	$58.41
The American City, 1 subscription	2.00
Baltimore Enamel & Novelty Co., number plates	55.13
Boston & Maine Railroad, freight	.52
Burroughs Adding Machine Co., attention to machine	1.80
John B. Clarke Co., printing and binding	78.00
Harrie H. Clement, cash paid for express and oil	12.86
Odilon Demers, automobile maintenance to January 3, 1916	85.00
Finney Upholstering & Window Cleaning Co., caning chairs	2.80
George D. Fitts, cards and filing sections	63.07
W. P. Goodman, books and stationery	92.65
C. R. Hardy, typewriter ribbons	1.18
Peter Harris & Son, making keys	.80
Hotel Orrington, dinners, experts, and visitors	53.85
Ideal Stamp Co., ink	.30
Keystone Press, printing, etc	108.25
Samuel J. Lord, cash paid:	
Expenses of engineers relative to destructor plant	33.45
Expenses board at Boston, hearing before officials of Boston & Maine R. R.	27.68
Expenses common council committee, 5 members, and board, 4 members, to New York	243.37
Car fares to New York, Atlanta to Louisville, Cincinnati to Detroit	110.86
Transportation, meals on train, and at restaurants, sundry times	78.20
Manchester & Concord Express Co., charges	.60
Manchester Coal & Ice Co., ice	6.35
Municipal Journal, 1 subscription to March 1, 1916	3.00
National Conference on City Planning, 1 copy proceedings and 1 bulletin	2.17
New England Telephone & Telegraph Co., use of telephones	160.47
Novelty Co., 1 Fox typewriter and ribbon	83.25
Pike & Heald Co., repairing binder spindle	.10
Francis Pratt, Jr., pens	1.50
Postal Telegraph & Cable Co., telegram	.37

Rapid Mailing Bureau, Inc., adding machine paper	$5.85	
Remington Typewriter Co., 1 No. 11 machine	105.30	
Ruemely Press, printing, binding and ruling	183.54	
James A. Scully, 6 curtains and rollers	8.40	
E. G. Soltmann, pencils	5.50	
Harry W. Spaulding, expenses board investigating destructor plants	473.73	
Temple & Farrington Co., binding books	72.06	
John B. Varick Co., alcohol and oil	.73	
Samuel Ward Co., staples	4.15	
Western Union Telegraph Co., telegram	.31	
John R. Willis, P. M., postage stamps	65.00	
		$2,292.56
Total expenditures		$14,641.68

Repairs of Highways.

Appropriation	$47,000.00	
Received for labor and material	23,112.00	
		$70,112.00

Expenditures.

Labor.

Division No. 2:		
January	$321.67	
February	389.38	
March	608.50	
April	492.67	
May	450.38	
June	3,798.49	
July	3,920.78	
August	2,801.48	
September	6,150.34	
October	2,675.40	
November	2,605.46	
December	476.98	
		$24,691.53
Division No. 4:		
March	$91.56	
May	55.34	
June	186.02	
July	145.65	

August	$160.41	
September	248.72	
October	179.19	
November	230.50	
December	159.73	
		$1,457.12
Division No. 5:		
April	$25.11	
May	4.56	
June	17.24	
July	10.50	
August	38.25	
September	286.46	
October	213.72	
November	378.07	
December	1.68	
		$975.59
Division 5—A:		
August	$163.16	
September	361.84	
October	222.08	
November	477.76	
December	269.59	
		$1,494.43
Division No. 7:		
January	$75.78	
February	37.80	
March	50.60	
April	66.70	
May	596.02	
June	1,635.92	
July	556.46	
August	97.86	
September	379.24	
October	5.98	
November	137.68	
December	54.34	
		$3,694.38
Division No. 9:		
February	$5.00	
March	1.98	
April	37.32	
May	25.36	
July	165.80	
August	427.88	
September	717.68	
October	523.96	

November	$748.28	
December	308.20	
		$2,961.46
Division No. 10:		
January	$113.35	
February	143.87	
March	143.26	
April	129.66	
May	153.96	
June	534.08	
July	562.35	
August	302.83	
September	805.89	
October	187.44	
November	415.34	
December	776.14	
		$4,268.17
Cyrus A. Libbey, foreman	$879.79	
J. J. McAllister, inspector	142.60	
		$1,022.39

SUPPLIES AND REPAIRS.

The Acme Road Machinery Co., 1 stone crusher and bins, per contract	$2,300.55
Amoskeag Manufacturing Co., lumber and repairs	73.00
Annis Flour & Grain Co., lantern globes	5.70
John Baker, Jr., road asphalt	17.70
Baltimore Enamel & Novelty Co., signs for railroad crossings	45.00
Barrett Manufacturing Co., tarvia, etc.	4,046.82
Victor Belmore, sawing wood	36.55
Bisson & Jodoin, material and labor	26.27
Harold L. Bond Co., stone forks	14.10
Brooks and Brock, gravel	152.17
Buffalo Steam Roller Co., supplies	80.46
Bunton & Bernard, material and labor	104.52
Champagne & Charnley, labor on rammers	11.00
Clinton Wire Cloth Co., screens	38.60
Concord Foundry & Machine Co., castings	63.15
J. H. DeCourcy Coal Co., coal	377.94
Dyar Supply Co., self propelling device attached to derrick, and supplies	1,108.92
Essex Trap Rock & Construction Co., broken stone	295.73
Granite State Rubber Co., rubber boots	3.17
Good Roads Machinery Co., supplies	10.30

J. Hodge, sign boards	$29.92	
William Jones, gravel	24.70	
Kimball Carriage Co., saddles and hames	78.00	
Manchester Auto Garage, supplies and repairs	386.32	
Manchester Machine Works, material and repairs	55.78	
Manchester Traction, Light & Power Co., lamps and electricity	416.12	
Manchester Welding Co., brazing	.50	
Manchester Supply Co., pipe, etc.	228.41	
Massachusetts Broken Stone Co., broken stone	379.81	
C. F. McCarthy, lettering signs	11.00	
C. F. McDonald, building fence	110.70	
P. F. McDonald & Co., folding horses	15.00	
Motor Parts Co., repairing magneto	6.15	
New England Road Machinery Co., supplies	2.00	
F. L. Noyes, asphalt shingles	20.25	
James Lurvey, gravel	25.00	
Palmer & Garmon, broken stone	386.52	
Pike & Heald Co., supplies	1.04	
H. J. Rock, painting signs	23.20	
Robie Consolidated Concrete Co., repairs	5,061.18	
Shackford's Garage, 1 carburetor	17.00	
W. C. Spear, 1 Hudson automobile	2,350.00	
Stromberg Motor Devices Co., repairs, etc.	2.98	
The Texas Co., kerosene	84.00	
John B. Varick Co., tools and hardware	790.14	
Warren Bros. Co., material and labor	423.12	
West Side Lumber Co., lumber, posts, etc.	389.60	
G. F. Whitney Co., oil	4.20	
Winchester Rock & Brick Co., stone	2,407.34	
		$22,541.63

SUNDRIES.

Boston & Maine Railroad, freight	$6,732.75	
Harry B. Cilley, repairing wagon, and loss of time, accident caused by culvert caving in	12.00	
Frederick Hoegner, automobile repairs	5.05	
Frank H. Jenness, partial payment for lost time, injury to foot	112.00	
Martin J. Lyons, pay while on sick leave, caused by accident	24.00	
John A. Sheehan, insurance premium	119.50	
		$7,005.30
Total expenditures		$70,112.00

Snow and Ice and Cleaning Streets.

Appropriation	$16,000.00	
Transferred from unappropriated money	9,553.24	
		$25,553.24

Expenditures.

LABOR.

Division No. 2:		
January	$2,300.50	
February	4,364.73	
March	304.94	
April	674.64	
May	2,216.57	
June	1,066.39	
July	719.31	
August	920.94	
September	1,163.06	
October	801.04	
November	996.84	
December	1,890.20	
		$17,419.16
Division No. 4:		
February	$37.64	
March	57.08	
April	241.03	
May	60.91	
		$396.66
Division No. 5—A:		
December		$20.48
Division No. 7:		
January	$243.54	
February	340.98	
March	91.87	
April	260.86	
May	258.86	
June	56.03	
July	106.78	
August	30.38	
September	170.83	
October	52.72	
November	423.11	
December	266.56	
		$2,302.52

Division No. 9:		
February	$4.68	
April	19.94	
		$24.62
Division No. 10:		
January	$377.48	
February	710.94	
March	131.10	
April	107.12	
May	1,064.90	
June	123.53	
July	441.53	
August	366.34	
September	232.87	
October	105.17	
November	931.44	
December	417.47	
		$5,009.89

SUNDRIES.

Amoskeag Manufacturing Co., repairing road scraper	$15.20	
Boston & Maine Railroad, freight	.42	
S. P. Dodge Co., planing and sawing boards	1.30	
Henry W. Parker, salt and soap	67.00	
Robie Consolidated Concrete Co., sand	200.00	
John B. Varick Co., tools and hardware	95.39	
West Side Lumber Co., sawing lumber	.60	
		$379.91
Total expenditures		$25,553.24

Watering Streets.

Appropriation	$4,500.00	
Received for labor and material	3,114.10	
		$7,614.10

EXPENDITURES.

LABOR.

Division No. 2:	
April	$8.70
May	610.87
June	1,064.33

July	$343.54	
August	19.49	
September	1.21	
October	2.61	
		$2,050.75
Division No. 7:		
May	$129.48	
June	374.60	
July	195.20	
August	57.88	
		$757.16
Division No. 10:		
May	$111.00	
June	257.88	
July	175.76	
August	106.24	
September	303.60	
October	125.98	
November	37.80	
		$1,118.26

SUNDRIES.

American Car Sprinkler Co., use of sprinkler car	$3,241.45	
W. G. Berry, insurance premium	208.50	
Concord Foundry & Machine Co., castings	6.57	
S. P. Dodge Co., repairing sprinkler	30.72	
Manchester Coal & Ice Co., ice for fountain	60.00	
Manchester Supply Co., pipe	21.24	
Maxwell Ice Co., ice for fountain	60.00	
C. F. McDonald, repairs	28.68	
H. W. Parker, chloride of lime	3.26	
Pike & Heald Co., repairing standpipes	26.91	
John B. Varick Co., steel	.60	
		$3,687.93
Total expenditures		$7,614.10

Paving Streets.

Appropriation	$12,000.00	
Received for labor and material sold	10,853.23	
Transferred from unappropriated money	28,301.43	
		$51,154.66

EXPENDITURES.

LABOR.

Division No. 2:		
May	$50.33	
June	1,334.45	
July	500.49	
August	3,038.98	
September	4,765.16	
October	2,308.59	
November	724.07	
December	34.48	
		$12,756.55
Division No. 7:		
September		$18.50

SUNDRIES.

Barrett Manufacturing Co., paving pitch	$1,207.39	
Baston & Maine Railroad, freight, car service, etc.	4,893.17	
Cavanaugh Brothers, labor and material, on account	2,500.00	
James F. Cavanaugh, labor and material, on account	3,000.00	
H. P. Cummings Construction Co., cement	128.80	
Dyar Supply Co., paving machine, etc.	1,798.60	
Eastern Clay Goods Co., cement	2,014.68	
Abraham L. Garmon, gravel	1,585.47	
Frank D. Leighton, pipe, etc.	3.78	
Eugene G. Libby, cobble paving and teaming	132.68	
Manchester Cement Block & Concrete Co., cobble stones	152.13	
Henry W. Parker, cement	1,440.00	
Pease Company, paving blocks	11,856.59	
John B. Varick Co., pails, gloves, etc.	6.03	
Warren Bros. Co., street paving	7,626.78	
West Side Lumber Co., boards	33.51	
		$38,379.61
Total expenditures		$51,154.66

Macadamizing and New Highways.

Appropriation	$15,000.00	
Transferred from unappropriated money	76,853.52	
		$91,853.52

Expenditures.

LABOR.

Division No. 2:		
January	$349.88	
February	357.22	
March	280.97	
April	314.34	
May	671.60	
June	1,237.25	
July	1,132.70	
August	1,086.71	
September	4,608.48	
October	3,470.69	
November	3,262.42	
December	1,781.97	
		$18,554.23
Division No. 7:		
July	$1,202.08	
August	491.15	
September	344.81	
October	659.76	
November	1,045.49	
December	90.73	
		$3,834.02
Division No. 10:		
January	$2.97	
June	235.32	
July	1,758.05	
August	2,281.32	
September	4,256.93	
October	3,681.67	
November	5,446.22	
December	660.00	
		$18,322.48
State Highway:		
July	$72.90	
August	2,323.20	
September	3,233.89	

October	$2,145.09	
November	2,850.90	
December	254.41	
		$10,880.39
James F. Cavanaugh		$6,100.00

SUNDRIES.

Amoskeag Manufacturing Co., material and labor	$372.43	
Boston & Maine Railroad, freight, etc.	10,450.92	
Brooks & Brock, gravel	276.40	
Buffalo Steam Roller Co., grease	25.00	
Callanan Road Improvement Co., limestone screenings	616.53	
Concord Foundry & Machine Co., castings	42.73	
J. H. DeCourcy Coal Co., coal	591.60	
Dyar Supply Co., supplies	599.50	
Essex Trap Rock & Construction Co., broken stone	847.12	
Farrell Brothers, fuses and labor	1.45	
A. L. Garmon, gravel	987.66	
W. F. Head & Son, brick	236.49	
Keystone Manufacturing Co., coal bags	50.40	
Manchester Traction, Light & Power Co., electricity, etc.	424.35	
Massachusetts Broken Stone Co., broken stone	48.44	
Florence McCarthy, cobble stone	7.75	
W. H. McElwain Co., crushed stone	1,233.30	
A. J. McKelvie, stove pipe and labor	3.00	
Mechling Bros. Manufacturing Co., Rocmac road binder	9,016.61	
New England Lime Co., screenings	671.43	
N. Normand & Son, electric battery	10.00	
Palmer & Garmon, broken stone	1,283.45	
Pease Company, curbing	853.05	
Pike & Heald Co., valves, etc.	4.27	
Pownal Lime Co., limestone	1,048.20	
Samuel G. Reed, paving stones	21.45	
J. E. Teall, Rocmac	1,375.98	
John B. Varick Co., hardware and tools	1,030.79	
Waltham Trap Rock Co., stone	210.96	
West Side Lumber Co., lumber and grade stakes	59.96	
Winchester Rock & Brick Co., stone	1,761.18	
		$34,162.40
Total expenditures		$91,853.52

Grading for Concrete.

Appropriation	$6,000.00	
Transferred from unappropriated money	1,946.11	
		$7,946.11

Expenditures.

LABOR.

Division No. 2:		
January	$12.69	
February	131.42	
March	209.77	
May	911.56	
June	1,638.04	
July	1,316.37	
August	753.48	
September	599.35	
October	619.71	
November	247.71	
December	778.23	
		$7,218.33
Division No. 7:		
June	$11.42	
August	31.68	
		$43.10
Division No. 10:		
May	$133.45	
June	169.76	
July	139.65	
September	10.56	
October	17.60	
November	78.73	
December	123.83	
		$673.58

SUNDRIES.

Manchester Cement Block & Concrete Co., repairing gutter	$10.20	
John B. Varick Co., hardware	.90	
		$11.10
Total expenditures		$7,946.11

Scavenger Service.

Appropriation	$40,000.00	
Transferred from unappropriated money	9,067.94	
		$49,067.94

Expenditures.

LABOR.

Division No. 2:		
January	$1,922.81	
February	2,400.75	
March	2,016.26	
April	2,172.09	
May	2,123.45	
June	2,292.99	
July	1,700.72	
August	2,087.02	
September	3,030.78	
October	2,529.52	
November	3,290.59	
December	2,529.45	
		$28,096.43
Division No. 7:		
January	$14.54	
February	9.90	
March	26.55	
April	7.56	
May	80.96	
June	66.29	
August	2.16	
September	11.70	
November	4.50	
December	4.32	
		$228.48
Division No. 10:		
July	$64.31	
August	81.76	
September	61.44	
October	57.46	
November	47.90	
December	20.11	
		$332.98
Levi J. Proctor, inspector		$1,258.07

SUNDRIES.

Amoskeag Manufacturing Co., material and labor	$10.88	
Ernest E. Austin, material and repairs	8.40	
Beacon Motor Car Co., supplies and repairs	1,122.33	
W. G. Berry, automobile insurance premium	1,223.20	
Bisson & Jodoin, repairs	70.38	
Boston & Maine Railroad, storage	.25	
F. A. Brown, repairing fence damaged by truck	.72	
Chainolene Manufacturing Co., 1 can "Chainolene"	8.00	
Champagne & Charnley, labor	10.00	
Joseph Charland, sick leave due to injury	3.96	
H. H. Clement, cash paid for telegram and licenses	2.00	
Eisner-Lenk Co., supplies and repairs	15.85	
Granite State Rubber Co., hose	3.19	
Gulf Refining Co., gasoline	3,406.56	
Hanover Street Laundry, laundry work	15.30	
Napoleon Lacombe, sick leave due to injury	50.00	
Laport & Carpenter, laundry	10.78	
Manchester Machine Works, repairs	58.59	
Manchester Supply Co., pipe, etc.	.62	
Manchester Welding Co., welding	24.00	
Peerless Motor Car Co., supplies	.96	
Edward N. Pearson, registration of trucks	60.00	
Sanborn Carriage Co., material and labor and supplies	1,042.74	
The Service Recorder Co., charts	2.11	
John A. Sheehan, automobile insurance premium	158.70	
W. C. Spear, 2 White truck chassis with dumping body, special	10,500.00	
John B. Varick Co., hardware, etc.	1,207.25	
Veeder Manufacturing Co., express on odometer	.26	
Watson Wagon Co., ratchets	.72	
West Side Lumber Co., lumber and labor	2.85	
John V. Wilson Co., bearings repaired	28.26	
The White Co., supplies	103.12	
		$19,151.98
Total expenditures		$49,067.94

Street Sweeping.

Appropriation	$10,000.00	
Transferred from unappropriated money	3,169.83	
		$13,169.83

Expenditures.

LABOR.

Division No. 2:		
January	$63.60	
February	62.04	
March	575.59	
April	836.77	
May	1,079.75	
June	1,548.38	
July	1,217.94	
August	1,238.62	
September	1,746.79	
October	1,337.40	
November	1,654.38	
December	1,183.67	
		$12,544.93

SUNDRIES.

C. M. Floyd Co., 1 Khaki suit	$3.00	
Hanover Street Laundry, laundry work	43.42	
Laport & Carpenter, laundry work	41.72	
Manchester Hat Works, 1 cap	.50	
H. Thompson, brooms and refilling brooms	153.25	
Leon C. Thompson, brooms	90.00	
John B. Varick Co., ash cans, suits	277.61	
West Side Lumber Co., lumber	15.40	
		$624.90
Total expenditures		$13,169.83

Machine Sweeping.

Appropriation	$2,500.00	
Received for labor and material	541.35	
		$3,041.35

EXPENDITURES.

LABOR.

Division No. 2:		
May	$176.22	
June	491.78	
July	405.92	
August	391.44	
September	521.82	
October	338.07	
November	452.23	
		$2,777.48

SUNDRIES.

Boston & Maine Railroad, freight	$3.12	
New England Road Machinery Co., brooms and refilling sweepers	149.00	
H. Thompson, refilling sweepers, etc.	80.25	
Leon C. Thompson, refilling brooms	31.50	
		$263.87
Total expenditures		$3,041.35

Oiling Streets.

Appropriation	$12,000.00

EXPENDITURES.

LABOR.

Division No. 2:		
June	$82.44	
July	62.38	
August	676.83	
September	572.61	
October	21.64	
		$1,415.90

SUNDRIES.

John Baker, Jr., road oil	$827.68	
Barrett Manufacturing Co., crude light oil	35.35	
Boston & Maine Railroad, freight and car service	186.50	

E. P. Cornish, injectors and labor	$13.94	
Indian Refining Co., liquid asphalt	1,025.20	
Pike & Heald Co., packing, etc.	1.20	
Standard Oil Co., road oil	1,758.57	
		$3,848.44
Total expenditures		$5,264.34
Transferred to unappropriated money		6,735.66
		$12,000.00

Bridges.

Appropriation	$5,000.00	
Received for labor and material	54.40	
		$5,054.40

Expenditures.

LABOR.

Division No. 2:		
February	$24.44	
March	21.82	
May	519.41	
June	38.68	
July	44.12	
August	101.83	
September	23.76	
October	145.20	
November	124.48	
		$1,043.74
Division No. 4:		
November		$9.75
Division No. 5:		
July	$10.59	
September	25.24	
October	20.80	
November	38.74	
December	10.24	
		$105.61
Division No. 5—A:		
December		$15.16
Division No. 9:		
May	$8.36	
September	45.92	
		$54.28

Division No. 10:		
February	$17.12	
March	40.41	
April	8.10	
May	54.64	
June	81.23	
August	.96	
October	3.86	
		$206.32

SUNDRIES.

Amoskeag Manufacturing Co., lumber	$19.31	
Bachelder-Worcester Co., plank	838.10	
Boston & Maine Railroad, freight	33.15	
Bunton & Bernard, lumber and labor	334.35	
Cavanaugh & Maxwell, plank	560.09	
Clough & Parker, insurance premium	150.00	
Manchester Machine Works, drilling plates	1.13	
C. F. McDonald, repairing fence	7.50	
Putnam & Laflamme, accident insurance premium	314.19	
J. P. Snow, services, designs, estimates, etc.	312.07	
United Construction Co., balance due on Kelley street bridge	580.59	
John B. Varick Co., nails and bolts	183.80	
West Side Lumber Co., plank, etc.	285.26	
		$3,619.54
Total expenditures		$5,054.40

Elm Street Bridge.

Appropriation from sale of bonds	$45,000.00	
Received from Manchester Street Railway	10,500.00	
Received from Boston & Maine Railroad	6,000.00	
		$61,500.00

EXPENDITURES.

LABOR.

September	$651.15	
October	2,136.23	
November	3,068.63	
December	2,393.50	
		$8,249.51

Board of Public Works:		
September	$26.40	
October	76.64	
November	155.76	
December	142.56	
		$401.36
Division No. 2:		
October		$77.20

SUNDRIES.

Boston & Maine Railroad, freight	$194.26	
Bunton & Bernard, lumber, etc., and labor	109.45	
Champagne & Charnley, labor on rolls	8.40	
E. P. Cornish, repairs	3.37	
J. H. DeCourcy Coal Co., coal	286.52	
Drew Machinery Agency, 1 oil cup	2.00	
S. P. Dodge Co., repairing truck	11.45	
Granite State Rubber Co., rubber boots	56.93	
Manchester Coal & Ice Co., timber	33.72	
Manchester Machine Works, material and labor	26.43	
Manchester Supply Co., pipe	84.30	
Manchester Water-Works, pipe	12.38	
New England Sand & Gravel Co., sand	32.53	
New England Telephone & Telegraph Co., service	16.81	
Henry W. Parker, cement	6,428.79	
Pike & Heald Co., pipe, etc.	16.22	
H. J. Rock, lettering signs	8.80	
Bayard C. Ryder, sand, delivered	757.00	
John P. Snow, consulting engineer, services and expenses	589.46	
T. Stuart & Son Co., loading and rental of equipment, services of superintendent, etc.	2,726.12	
W. C. Spear, 1 motor truck	5,200.00	
Texas Oil Co., kerosene	3.71	
United Construction Co., steel beams	3,329.82	
John B. Varick Co., hardware, etc.	577.48	
West Side Lumber Co., lumber and plank	1,456.29	
Western Union Telegraph Co., telegrams	.52	
J. R. Worcester & Co., testing sand	24.00	
		$21,996.76
Total expenditures		$30,724.83
Balance to new account		30,775.17
		$61,500.00

City Teams.

Appropriation	$18,000.00	
Transferred from unappropriated money	4,786.43	
		$22,786.43

Expenditures.

LABOR.

Division No. 2:		
January	$920.92	
February	1,265.58	
March	993.64	
April	787.93	
May	588.14	
June	726.83	
July	543.31	
August	590.06	
September	810.67	
October	510.91	
November	949.57	
December	859.69	
		$9,547.25
Division No. 10:		
April		$15.06

GRAIN, HAY, STRAW.

Adams Brothers	$196.69	
Arthur S. Brown	2,307.85	
Rev. J. S. Buckley	24.57	
Cavanaugh Brothers	140.99	
Charles Francis	35.35	
F. H. Masse & Co.	189.10	
		$2,894.55

HARNESSES AND REPAIRS.

Kimball Carriage Co.	$341.40	
Joseph Vogel & Co.	21.60	
		$363.00

VETERINARY EXPENSES, ETC.

Adams Brothers, "Nature's Remedy"	$7.00	
Cavanaugh Brothers, 4 horses	1,175.00	

Cavanaugh Brothers, use of horses, and medicine	$416.41	
J. L. Golden, V. S., professional services and medicine	45.00	
Henry W. Parker, salts and soap	7.30	
A. J. Precourt, iodine, nitre and aconite	5.60	
John Seastrom, cash paid for medicine	.60	
		$1,656.91

FUEL, LIGHTS, WATER.

L. B. Bodwell, coal	$633.42	
J. H. DeCourcy Coal Co., coal	114.10	
Manchester Traction, Light & Power Co., electric lights, farm and stables	498.91	
People's Gas Light Co., gas	7.20	
Water Commissioners, use of water, stables and shop	41.00	
		$1,294.63

MATERIAL AND REPAIRS.

Amoskeag Manufacturing Co., material and repairs	$78.77
Amoskeag Vulcanizing Plant, vulcanizing, etc.	5.75
Auto Tire Co., repairs and supplies	322.34
Bisson & Jodoin, material and labor	43.00
H. H. Clement, cash paid for sundry supplies	19.72
Concord Foundry & Machine Co., 1 sink	5.83
S. P. Dodge Co., material and repairs	134.01
Farrell Brothers, supplies and labor	16.32
J. Hodge, lumber and labor	14.68
Manchester Auto Garage, supplies and repairs	290.92
Manchester Machine Works, material and labor	48.55
Manchester Supply Co., pipe, etc.	2.76
Manchester Traction, Light & Power Co., repairing automobile	16.25
Maxwell Ice Co., ice	5.00
J. B. McCrillis & Son, automobile repairs and supplies	15.74
A. J. McKelvie, grate, etc.	2.00
F. L. Noyes, repairing roof of city stables	1.55
Fred F. Osgood, belting and repairs	10.41
Henry W. Parker, soap, salt, lime	34.45
Pike & Heald Co., pipe and labor	62.05
Queen City Motorcycle Garage, supplies	40.59

Walter L. Roper, repairing plastering	$2.75	
Sanborn Carriage Co., material and labor	234.35	
Swift & Co., soap	19.44	
D. F. Sullivan Auto Co., 1 Ford car	440.00	
D. F. Sullivan Auto Co., supplies	78.90	
The Texas Company, kerosene	14.18	
John B. Varick Co., hardware and tools.....	1,602.41	
West Side Lumber Co., lumber and labor....	30.24	
W. C. Spear, motor truck chassis	1,850.00	
		$5,442.96

SUNDRIES.

W. G. Berry, insurance premiums	$188.95	
Emile A. Blanchet, use of horse	23.52	
C. O. Coburn, M. D., medical attendance, Clifford Carrigan	5.00	
Committee on City Farm, rent of land and buildings	1,020.00	
Odilon Demers, use of horse and auto, and telephone charges	240.60	
Everett & Bunton, insurance premium	20.00	
John A. Sheehan, insurance premium	14.00	
Edward N. Pearson, registration of trucks..	35.00	
Arthur Willis, registration of car	25.00	
		$1,572.07
Total expenditures		$22,786.43

Repairs of Sewers.

Appropriation	$7,000.00	
Transferred from unappropriated money....	4,286.78	
		$11,286.78

EXPENDITURES.

LABOR.

Division No. 2:	
January	$95.39
February	921.81
March	719.78
April	14.58
May	.41

June	$215.58	
July	1,331.30	
August	1,285.50	
September	632.21	
October	503.99	
November	664.71	
December	850.27	
		$7,235.53
Division No. 7:		
February	$8.19	
April	6.75	
May	8.88	
October	6.24	
		$30.06
Division No. 10:		
January	$171.59	
February	192.78	
March	365.10	
April	117.93	
May	4.16	
June	30.09	
September	179.06	
December	3.05	
		$1,063.76

SUNDRIES.

Boston & Maine Railroad, freight	$14.23	
Ernest W. Bowditch, legal services	100.00	
Bunton & Bernard, building cesspools	12.60	
Concord Foundry & Machine Co., castings	756.79	
W. F. Head & Son, brick	95.66	
T. F. Landrigan, labor	.50	
Manchester Hardware Co., hose	13.00	
Manchester Supply Co., 1 nipple	.10	
Putnam & Laflamme, accident insurance premium	264.45	
John B. Varick Co., tools and hardware	31.50	
John B. Varick Co., hose	1,600.00	
John S. Wheeler, laying brick	68.60	
		$2,957.43
Total expenditures		$11,286.78

New Sewers.

Appropriation	$28,000.00	
Transferred from unappropriated money	40,000.00	
		$68,000.00

EXPENDITURES.

LABOR.

Division No. 2:		
January	$2,004.39	
February	902.37	
April	239.55	
May	82.25	
July	247.20	
August	746.52	
September	735.94	
October	251.04	
November	926.15	
December	502.32	
		$6,637.73
Division No. 7:		
January	$224.12	
February	762.54	
June	19.11	
September	357.02	
October	1,002.14	
November	431.26	
December	589.08	
		$3,385.27
Division No. 10:		
January	$974.86	
February	1,545.74	
March	11.56	
July	247.87	
August	1,299.08	
September	1,833.92	
October	852.03	
November	1,533.97	
December	1,035.60	
		$9,334.63
Cyrus A. Libbey, foreman		$254.80

SUNDRIES.

Amoskeag Manufacturing Co., brick and cast iron	$99.55
Boston & Maine Railroad, freight	2,667.06
Bachelder-Worcester Co., lumber	462.36
Concord Foundry & Machine Co., castings	2,086.95
Eastern Clay Goods Co., sewer pipe	2,030.49
W. F. Head & Son, brick	1,035.94
Ingersoll-Sergeant Drill Co., supplies	189.54

Fred T. Ley & Co., brick	$15.60	
Manchester Coal & Ice Co., agreement to sell land with buildings thereon, formerly owned by N. E. Investment Co., including all water rights and privileges connected therewith	500.00	
Manchester Machine Works, labor on bolt	.63	
Manchester Supply Co., pipe	33.32	
Pike & Heald Co., pipe, etc.	.63	
Putnam & Laflamme, accident insurance premium	1,327.06	
John Sullivan, sick leave due to injury	14.00	
The Texas Co., kerosene	42.87	
John B. Varick Co., hardware and tools	287.97	
West Side Lumber Co., plank	221.83	
John S. Wheeler, laying brick	163.50	
		$11,179.30
Total expenditures		$30,791.73
Transferred to unappropriated money		37,208.27
		$68,000.00

Commons.

Appropriation	$5,500.00

Expenditures.

LABOR.

January	$40.26	
February	144.09	
March	94.38	
April	174.96	
May	202.08	
June	241.20	
July	184.32	
August	289.52	
September	449.88	
October	347.24	
November	310.56	
December	86.88	
		$2,565.37
John Seastrom, superintendent		$900.00

SUNDRIES.

F. J. Bixby, plants	$411.38	
Boston & Maine Railroad, freight	25.84	
Arthur S. Brown, bran	1.60	
Carbosteel Post Co., posts, cap, etc.	25.68	
S. P. Dodge Co., labor	.75	
H. B. Fairbanks, fertilizer	59.00	
Manchester Traction, Light & Power Co., electric lights and lamps	73.48	
Pease Co., curbing	145.08	
Robie Consolidated Concrete Co., concrete	732.70	
James A. Sculley, rental of chairs	.50	
John A. Sheehan, insurance premium	6.00	
John B. Varick Co., tools and hardware	75.85	
West Side Lumber Co., lumber and labor	17.78	
		$1,575.64
Total expenditures		$5,041.01
Transferred to unappropriated money		458.99
		$5,500.00

Stark Park.

Appropriation	$1,000.00	
Received for labor and material	1,972.80	
		$2,972.80

EXPENDITURES.

LABOR.

January	$6.16	
February	4.18	
March	6.16	
May	164.40	
June	426.48	
July	107.52	
August	151.12	
September	103.92	
October	97.92	
November	98.40	
December	35.28	
		$1,201.54

Division No. 2:		
May	$208.94	
June	1,153.68	
July	105.31	
		$1,467.93

SUNDRIES.

F. J. Bixby, plants	$121.70	
H. B. Fairbanks, fertilizer	59.00	
C. F. McDonald, running water into park	66.24	
John B. Varick Co., tools and hardware	40.39	
John S. Wheeler, building cesspools	16.00	
		$303.33
Total expenditures		$2,972.80

Derryfield Park.

Appropriation	$1,000.00

EXPENDITURES.

LABOR.

January	$33.66	
February	5.94	
March	73.48	
April	56.10	
May	6.72	
June	22.08	
July	148.76	
August	190.88	
September	84.64	
October	83.76	
November	9.36	
December	82.08	
		$797.46
Division No. 2:		
July		$41.72

SUNDRIES.

W. G. Berry, insurance premium	$5.00
F. J. Bixby, plants	43.58
H. B. Fairbanks, fertilizer	59.00

C. F. McDonald, repairing fountain	$7.35	
Water Commissioners, use of water	3.00	
		$117.93
Total expenditures		$957.11
Transferred to unappropriated money		42.89
		$1,000.00

Lafayette Park.

Appropriation	$1,000.00	
Received for labor and material	1,200.91	
		$2,200.91

Expenditures.

LABOR.

June	$9.12	
July	19.44	
August	20.16	
September	19.92	
October	17.52	
November	110.40	
December	19.92	
		$216.48
Division No. 2:		
May		$2.24
Division No. 10:		
May	$282.84	
June	253.41	
July	32.56	
October	17.28	
November	543.41	
December	98.58	
		$1,228.08

SUNDRIES.

F. J. Bixby, plants	$75.00	
A. P. Horne & Co., trees and shrubs	237.45	
C. F. McDonald, running water into park	116.61	
C. F. McDonald, shutting off water	1.30	
H. W. Parker, cement	253.50	

John B. Varick Co., seed, hose, hardware.....	$55.44	
West Side Lumber Co., lumber	14.81	
		$754.11
Total expenditures		$2,200.91

Prout Park.

Appropriation	$500.00

EXPENDITURES.

LABOR.

July	$17.96

SUNDRIES.

C. F. McDonald, installing fountain	$4.75
Total expenditures	$22.71
Transferred to unappropriated money	477.29
	$500.00

Rock Rimmon Park.

Balance from last year unexpended	$3,060.94	
Appropriation	2,000.00	
		$5,060.94

EXPENDITURES.

Transferred to new account	$5,060.94

East Side Park.

Appropriation	$50.00	
Received for labor and material	285.08	
		$335.08

EXPENDITURES.

LABOR.

May	$2.16	
June	17.76	
July	6.72	
August	37.92	
September	75.60	
October	57.84	
November	77.04	
December	44.40	
		$319.44
Division No. 2:		
May		$15.64
Total expenditures		$335.08

West Side Park.

Appropriation	$1,000.00

EXPENDITURES.

LABOR.

Division No. 10:		
May	$201.94	
June	386.26	
July	4.41	
August	7.62	
September	6.72	
		$606.95
Commons:		
June		$4.56

SUNDRIES.

C. F. McDonald, installing fountain, etc.	$48.33	
John B. Varick Co., hardware	11.76	
		$60.09
Total expenditures		$671.60
Transferred to unappropriated money		328.40
		$1,000.00

Miscellaneous Playgrounds.

Appropriation	$2,500.00	
Received for labor and material	298.66	
		$2,798.66

Expenditures.

LABOR.

Commons:		
January	$201.56	
February	164.32	
March	1.98	
April	29.48	
May	13.68	
June	6.72	
July	550.35	
August	637.34	
September	435.59	
November	22.08	
December	60.24	
		$2,123.34
Division No. 10:		
May	$27.36	
June	172.45	
July	19.24	
August	8.16	
		$227.21

SUNDRIES.

Adams Brothers, lime	$0.10
The Barton Co., cotton, needles, ribbon, etc.	14.08
Clark Bros., stamped doilies	1.50
William E. Downs, 1 banner	2.50
Ehrman Manufacturing Co., badges	14.71
Johnson Sign Shop, signs and lettering banner	10.85
C. B. Kearns, repairing footballs, etc.	2.80
F. W. Leeman, cloth	9.00
Manchester Institute of Arts & Sciences, reeds and dyes	9.30
Manchester Street Railway, car tickets	32.50
C. F. McDonald, installing bubblers	50.96
F. E. Nelson Co., pans, gloves, brushes	.90
A. J. Precourt, bandages, etc.	.65
Robie Consolidated Concrete Co., concrete	2.16

Ruemely Press, printing blanks and programs	$13.50	
Star Stamp Co., badges	6.48	
H. G. Van Norden, supplies purchased for playgrounds	2.90	
John B. Varick Co., paint, game supplies	227.07	
Water Commissioners, use of water	14.98	
West Side Lumber Co., lumber	30.72	
F. W. Woolworth & Co., doilies, etc.	.45	
		$448.11
Total expenditures		$2,798.66

Walker Park.

Appropriation by temporary loan	$5,000.00

EXPENDITURES.

Ellen P. and Charles Howe, A. M. and H. C. Walker, first payment on bond to city for conveyance of Walker land and buildings to said city, as set out in said bond	$5,000.00

Brown-Tail and Gypsy Moth.

Appropriation	$3,000.00	
Received for taxes	2,148.49	
Transferred from unappropriated money	5,739.74	
		$10,888.23

EXPENDITURES.

LABOR.

Commons:		
January	$59.40	
February	78.10	
March	125.40	
April	61.60	
		$324.50

CONTRACT AND PRIVATE WORK REMOVING NESTS.

D. F. Cronin	$9,090.90

INSPECTORS ON PRIVATE AND CONTRACT WORK.

Thomas Baird	$33.37	
William Belisle	34.62	
George Biron	47.75	
Dennis F. Brassell	197.50	
John J. Bresnahan	96.00	
Patrick A. Casey	53.00	
Philip Connolly	35.37	
Harold A. Crosby	40.35	
John Y. Davis	47.35	
James H. Edwards	87.75	
George B. Fitzgerald	37.77	
Arthur T. Hebert	39.25	
John J. Horan	79.50	
James Kearns	54.00	
James P. Mahoney	36.00	
Timothy F. Mahoney	38.25	
Florence O'Leary	40.00	
Elmer Roukey	31.06	
		$1,028.89

REBATE ON TAX BILLS.

Charles A. Allen	$0.90	
Belle R. Daniels	.50	
Patrick Dowd estate	1.36	
J. L. Golden, V. S.	.53	
Patrick Horan	.45	
Anna M. Koehler	2.76	
Daniel S. Kimball	16.90	
Bridget and Dennis Linnehan	2.70	
Joseph R. Laflamme	2.25	
Ferdinand Lafond	.45	
Mary J. Magoon	.90	
Henry Scheid	11.40	
May G. Severance	6.54	
Fred R. Stark	1.60	
R. P. Stevens	1.59	
John Z. Sprague	3.38	
M. E. Truesdale	1.36	
C. K. Walker heirs	14.50	
		$70.07

SUNDRIES.

John B. Clarke Co., printing and binding	$49.00
H. H. Clement, cash paid for envelopes	5.50

Manchester Hardware Co., bamboo poles	$0.60	
Manchester Traction, Light & Power Co., putting up, taking down, caring for and emptying open globes	233.92	
John B. Varick Co., creosote	1.75	
John R. Willis, P. M., stamped envelopes....	83.10	
		$373.87
Total expenditures		$10,888.23

Elm-Leaf Beetle.

Appropriation	$3,000.00	
Received for labor and materials	1,078.16	
		$4,078.16

Expenditures.

SUNDRIES.

John J. Bresnahan, services as inspector	$56.25	
John J. Connor, services as inspector	61.00	
D. F. Cronin, spraying trees	3,636.91	
John B. Varick Co., arsenate of lead	324.00	
		$4,078.16
Total expenditures		$4,078.16

Cutting and Trimming Trees.

Appropriation	$1,500.00	
Transferred from unappropriated money	1,230.51	
		$2,730.51

Expenditures.

LABOR.

Division No. 2:	
January	$11.84
February	44.92
March	5.92
May	113.87
June	402.42

July	$125.96	
August	358.41	
September	460.93	
October	381.71	
November	489.20	
December	165.61	
		$2,560.79

SUNDRIES.

Putnam & Laflamme, accident insurance premium	$136.49	
John B. Varick Co., saws and handles	33.23	
		$169.72
Total expenditures		$2,730.51

Head & Dowst Purchase.

Appropriation		$7,718.75

EXPENDITURES.

Sally Head Gault, final payment	$7,500.00	
Sally Head Gault, interest charges	218.75	
		$7,718.75
Total expenditures		$7,718.75

Destructor Plant.

Appropriation, bond issue	$150,000.00	
Premium on bonds sold	2,700.00	
		$152,700.00

EXPENDITURES.

SUNDRIES.

John B. Clarke Co., printing contract and specifications	$143.00	
Engineering News, advertising notice	26.10	
		$169.10
Total expenditures		$169.10
Transferred to unappropriated money		152,530.00
		$152,700.00

Lighting Streets.

Appropriation	$63,000.00

Expenditures.

ELECTRIC LIGHTS.

Manchester Traction, Light & Power Co.:

	Discount.	Charges.	
January	$2.94	$5,426.47	
February	1.68	5,440.85	
March	1.24	5,442.61	
April	2.33	5,442.61	
May	1.16	5,442.61	
June	3.96	5,442.61	
July	3.69	5,442.61	
August	104.86	5,399.61	
September	2.80	4,985.35	
October	3.72	4,238.11	
November	7.95	4,367.06	
December	2.12	4,394.25	
	$138.45	$61,464.75	
		138.45	
			$61,326.30

ARCHES.

Manchester Traction, Light & Power Co.:

January	$77.57	
February	73.77	
March	74.72	
April	69.73	
May	67.35	
June	64.27	
July	63.55	
August	62.13	
September	62.84	
October	64.74	
November	71.15	
December	74.00	
	$825.82	
Manchester Traction, Light & Power Co.:		
Lamps and labor	89.30	
		$915.12

SUNDRIES.

H. W. Eager, car hire	$35.00	
Hanover Street Garage, car hire	14.17	
		$49.17
Total expenditures		$62,290.59
Transferred to unappropriated money		709.41
		$63,000.00

Engineer's Department.

Balance from last year unexpended	$1,463.01	
Appropriation	11,500.00	
		$12,963.01

EXPENDITURES.

LABOR.

Samuel J. Lord, general engineer	$1,341.70	
H. F. Bailey	265.47	
Peter Bouffard	12.00	
Frank Carr	472.90	
Harold A. Crosby	14.00	
Alfred T. Dodge	1,180.00	
Harold S. Davis	42.23	
Harold M. Haskell	887.76	
Charles E. Hammond	85.50	
Edson W. Keith	950.20	
David S. Keith	119.10	
Robert S. Kennedy	54.48	
Jacob Kurtz	38.25	
A. D. Lewis	19.50	
John J. McAllister	153.60	
David Readey	21.00	
Maurice R. Shepard	501.70	
E. R. Wagner	141.47	
George W. Wales	1,408.50	
Henry Worthen	993.30	
Harrie M. Young	1,088.08	
		$9,790.74

SUNDRIES.

Carl W. Anderson & Co., repairing clock on rain recorder	$1.50
C. L. Berger & Sons, repairing, cleaning and adjusting transit and level	50.42
Bisson & Jodoin, repairing tank	.90
Board of Public Works, 1 truck and freight on same	1,850.00
Boston & Maine Railroad, storage	.25
John B. Clarke Co., printing 300 annual reports	46.80
Concord Foundry & Machine Co., hangers, drilled and painted	48.75
Eugene Dietzgen Co., blue print paper	5.10
Alfred T. Dodge, cash paid for car fares and chauffeur license	6.95
Farrell Brothers, material and labor	.95
Julien P. Friez, record sheets	5.25
George D. Fitts, bookcase	15.75
W. P. Goodman, stationery	10.95
Harry L. Gould, bench mark report, 1915	20.00
C. A. Hoitt Co., stools and step-ladder	25.50
Keystone Press, rubber stamps and envelopes	5.40
Keuffel & Esser Co., steel tape	13.77
C. B. Kearns, repairing rubber boots	.90
Manchester Coal & Ice Co., ice, 1914	6.60
Manchester Coal & Ice Co., ice, 1915	6.35
Manchester Hardware Co., nails, etc.	1.75
Manchester Traction, Light & Power Co., repairing fan	2.60
B. L. Makepeace, tapes	34.80
C. F. McCarty, lettering signs	3.90
Nicholson & O'Neil, making table covers	15.00
Edward N. Pearson, chauffeur license and registration of truck	11.00
D. F. Sullivan Auto Co., 1 Ford car	575.00
D. L. Sullivan Auto Co., supplies	51.56
E. G. Soltmann, supplies	55.45
Spaulding Print Paper Co., blue print paper	2.35
Technical Supply Co., blue print paper	2.50
Temple & Farrington Co., binding books	4.55
John B. Varick Co., hardware	44.85
Walldorf, Hafner & Schultz, supplies	34.47
Walker Lithograph & Publishing Co., maps, etc.	57.52
West Side Lumber Co., grade stakes	135.00

Williams Printing Co., printing	$6.50	
Arthur Willis, chauffeur license	1.00	
H. M. Young, cash paid for postage	8.00	
		$3,169.89
Total expenditures		$12,960.63
Transferred to unappropriated money		2.38
		$12,963.01

Health Department.

Balance from last year unexpended	$3,825.00	
Appropriation	19,100.00	
		$22,925.00

Expenditures.

SERVICES.

Gustave Lafontaine, M. D., salary as member of board	$31.67	
Timothy F. O'Connor, salary as member of board	380.00	
William K. Robbins, salary as member of board	380.00	
Emil A. Sylvain, M. D., salary as member of board	348.33	
William B. Blake, sanitary inspector	999.97	
Joseph X. Duval, sanitary inspector	999.97	
John F. Looney, sanitary inspector	999.97	
Carl O. Seaman, plumbing and milk inspector	1,200.00	
M. Alma Fracker, services as clerk	662.50	
		$6,002.41

TEAMS AND CAR FARES.

William B. Blake	$3.55	
Boufford, Letendre & Co.	2.00	
Joseph X. Duval	2.15	
Caron & Lambert	4.00	
J. D. French	2.00	
John F. Looney	6.15	
Carl O. Seaman	8.90	
		$28.75

PRINTING AND STATIONERY.

John B. Clarke Co., printing	$355.00	
George D. Fitts, stationery	7.17	
W. P. Goodman, stationery	6.95	
Johnson Paper Co., index cards	1.15	
L'Avenir National, printing	22.00	
E. A. Stratton Co., printing tags	6.00	
		$398.27

OFFICE EXPENSES AND SUPPLIES.

American Express Co., charges	$4.56
American Medical Association, 1,000 copies "Save the Babies"	15.00
Amoskeag Manufacturing Co., soap	13.00
W. B. Blake, cash paid:	
Good v. Blake, automobile accident, January 27, 1914	450.00
Expenses to Concord	3.75
The Bristol Co., 200 charts	1.59
Brodie Electric & Automobile Co., supplies and repairs	173.52
Carter, Rice & Co., gummed paper	10.50
Harry J. Danforth, auto supplies, etc.	67.28
S. P. Dodge Co., material and repairs	5.95
C. B. Dolge Co., disinfecting candles	3.13
Joseph X. Duval:	
Cash paid for milk and cream samples	45.71
Expenses, Washington, milk inspectors' convention	50.00
Supplies, etc.	13.30
H. W. Eager, car hire, three days	62.50
S. A. Felton & Son Co., brushes	1.56
A. L. Franks & Co., electrical supplies and labor	47.50
M. Alma Fracker, cash paid for laundry, express, freight, etc.	199.22
Florence Manufacturing Co., tooth brushes	6.08
Granite State Rubber Co., tubing	.50
Gustave Hecker, washing automobiles	14.75
James W. Hill Co., cheese cloth	9.24
J. J. Holland, vaccine points	32.18
C. A. Hoitt Co., carpet and laying	47.45
William Lightbody, M. D., diphtheria examinations	27.00
John F. Looney, paid for registered letters	.20

Manchester Traction, Light & Power Co.:		
Electric lights	$12.99	
Repairing stoves	.90	
Maxwell Ice Co., ice, 1914	19.15	
Maxwell Ice Co., ice, 1915	19.50	
Frank Marcotte, vulcanizing tire, etc.	7.50	
W. L. Miner, washing automobile	6.50	
Milk & Baby Hygiene Association, cards	2.08	
New England Telephone & Telegraph Co., use of telephones	89.82	
People's Gas Light Co., gas	5.10	
Post & Lester Co., auto supplies	7.47	
A. J. Precourt, medical supplies	105.92	
James A. Scully, desk and chair	17.75	
C. O. Seaman, cash paid for supplies, expenses sundry cities	63.87	
D. F. Sullivan, hose connection	.55	
D. F. Sullivan Auto Co., exchange on motor car	314.60	
D. F. Sullivan Auto Co., supplies	5.15	
Schieffelin & Co., formaldehyde	127.25	
Taylor Instrument Companies, charts, disks for sterilizer	16.16	
Tilton Box Co., filing boxes	8.00	
United States Tire Co., 1 tire	14.87	
John B. Varick Co., supplies	119.34	
Walsh & Cummings, antitoxin and supplies	208.36	
Vermont Farm Machine Co., laboratory supplies	5.65	
Water Commissioners, rent of garage, gasoline, etc.	188.60	
C. L. Wolf, material and labor on smoke machine	2.05	
P. R. Zeigler Co., rubber rings	.25	
		$2,674.85

ISOLATION HOSPITAL.

J. P. Chatel, whiskey	$5.00
James A. Colby, cleaning cesspools	36.00
Dowd Brothers, whiskey	6.50
Herbert E. Dunnington, medicine and supplies	8.97
C. A. & A. W. Flint, wood	48.25
L. M. Folsom, sheets, robes, napkins, cotton, etc.	127.15
C. F. Fearon, ice cream	1.00

Mrs. Selma Flodin:		
Services as matron	$347.00	
Board of patients and nurses	2,070.23	
Paid for shoveling snow	1.40	
Washing	2.00	
Ralph A. Gould, shoveling snow	2.85	
Granite State Rubber Co., tubing and bulbs	.64	
Kerwin & Sheehan, medicine and supplies	20.09	
T. F. Landrigan, work on range	1.80	
E. W. Lewis, soap	.50	
Manchester Coal & Ice Co., coal	300.07	
Manchester Traction, Light & Power Co.:		
Electric lights	163.35	
Repairs	2.55	
Joseph Marcoux, care of heater	113.72	
F. E. Nelson Co., crockery and glass ware	17.16	
New England Telephone & Telegraph Co., service	17.82	
A. J. Precourt, medicine, etc.	125.48	
C. L. Ruiter, fruit	1.40	
John B. Varick Co., brooms	1.20	
Water Commissioners, use of water	41.30	
John R. Willis & Co., wood and coal	263.69	
Mrs. Mary Varney:		
Services as matron	14.00	
Board of patients and nurses	102.51	
		$3,843.63

NURSES AT ISOLATION HOSPITAL.

Agnes C. Barnes	$321.00	
Lucy H. Cronin	306.00	
Mary Hurley	969.00	
Mary V. Lee	6.00	
Katherine Lehan	36.00	
Katherine Martin	96.00	
Grace Pierson	60.00	
Mary J. Reilly	150.00	
Otilda Pillsbury	159.00	
Hazel Tebbetts	39.00	
Otilda Weller	264.00	
		$2,406.00

PEST HOUSE.

Manchester Traction, Light & Power Co., electric lights	$14.76	
New England Telephone & Telegraph Co., service	21.00	

Mrs. A. D. Sherer, services as matron	$270.00	
Emil A. Sylvain, M. D., vaccinations	480.20	
Water Commissioners, use of water	3.20	
Maurice Watson, M. D., vaccinations and visits	111.95	
		$901.11

MEDICAL INSPECTORS.

W. L. Biron, M. D	$347.70	
Clarence O. Coburn, M. D	357.50	
R. H. Dillon, M. D	349.45	
Frank N. Rogers, M. D	203.50	
Zatae L. Straw, M. D	209.10	
F. P. Scribner, M. D	143.50	
E. C. Tremblay, M. D	344.90	
N. B. Webber, M. D	142.80	
		$2,098.45

PUBLIC HEALTH NURSE.

Nora McQuade:		
Services	$300.00	
Paid for interpreter, car fares, and supplies	19.30	
		$319.30

SCHOOL NURSES AND SUPPLIES.

Elena M. Crough, services as nurse	$550.00	
Nora Danforth, services as nurse	553.00	
Exina Larivee, services as nurse	553.50	
Green Brothers Co., enameled basins	3.60	
M. A. Fracker, paid for car tickets	30.00	
		$1,690.10

SUPPLIES FOR ISOLATED FAMILIES.

E. G. Dubois, groceries	$14.27	
John Healy, groceries	4.36	
Raiche & Prince, wood	3.00	
		$21.63

SUNDRIES.

W. H. Marshall, burying dead horse	$5.00	
Sacred Heart Hospital, board and use of operating room	7.00	
		$12.00
Total expenditures		$20,396.50
Transferred to unappropriated money		2,528.50
		$22,925.00

City Library.

Appropriation	$17,000.00

Expenditures.

LIBRARIAN AND ASSISTANTS.

F. Mabel Winchell, librarian	$1,200.00	
Ruth H. Bartlett	754.60	
Susan E. Bartlett	188.00	
M. Louise Bateman	515.10	
M. Nellie Brooks-May	592.00	
Arthur B. Blaine	103.25	
Harold F. Blakey	163.84	
Caroline B. Clement	768.40	
Elwin Chesley	27.75	
Ruth Dudley	622.60	
Mildred C. Farr	371.00	
Margaret Grant	544.67	
Mildred Gonyeau	127.50	
C. F. Hamer	95.25	
Mary E. Holland	264.00	
Maria F. Kidder	502.25	
Gladys Lane	519.00	
Max McConachie	138.10	
Edward S. Porter	123.60	
Jennie M. Read	238.00	
Barbara Sutcliffe	82.00	
Margery Sutcliffe	290.60	
S. May Tuck	378.00	
Winnifred R. Tuttle	200.00	
Katherine Wells	79.00	
Clara G. Wilson	594.00	
		$9,482.51

JANITORS AND ASSISTANTS.

John Broderick	$780.00	
Mrs. Charles Blakey	216.85	
John M. Corliss	270.85	
Henry Heap	1.65	
Michael Sullivan	511.42	
		$1,780.77

INSURANCE, FUEL, LIGHTS, TELEPHONE, WATER.

L. B. Bodwell, coal	$1,253.12	
Clarence M. Edgerly, insurance premium	124.00	
Manchester Traction, Light & Power Co., electric lights and power	826.05	
New England Telephone & Telegraph Co., service	20.17	
People's Gas Light Co., gas	24.20	
Water Commissioners, use of water	9.90	
		$2,257.44

SUNDRIES.

J. J. Abbott, paper and painting	$40.20
The Academy of Political Science, annual dues	5.00
Amoskeag Manufacturing Co., supplies and labor	8.02
F. J. Barnard & Co., binding books	32.04
The Barton Co., cheese cloth, flannel, etc.	15.46
L. M. Bagley, cartage	23.00
Bay State Paper Co., paper	30.25
W. M. Belcher, newspaper files	3.10
J. N. Brown, weighing coal	17.50
John B. Clarke Co.:	
Printing 400 reports	71.64
Printing labels	20.00
Daily Mirror, one year	5.00
Sidney S. Cohen, blotting paper and pads	3.75
Herbert M. Corning, trucking books	22.50
City News Co., newspapers	12.00
Dustwax Manufacturing Co., dustwax	1.50
George D. Fitts, stationery	10.15
A. L. Franks & Co., labor on clocks, phones and elevator	5.60
Gaylord Brothers, supplies	49.50
Herman Goldberger, periodicals	539.79
W. P. Goodman, books and supplies	17.71
Walter E. Graf, trucking books	38.60
C. A. Hoitt Co., stools, chairs, shades, crockery	49.34
India Alkali Works, supplies	13.50
Library Bureau, cases and trays	241.20
Manchester Boys' Club, caning chairs	5.00
Manchester Hardware Co., hooks and glass shelves	3.25
Manchester Traction, Light & Power Co., lamps	5.40

Maxwell Ice Co., ice	$3.20	
National Fire Protection Association, annual dues	5.00	
Thomas Nelson & Sons, revision pages for loose leaf encyclopaedia	3.00	
New England Library Bindery Co., rebinding	50.30	
The Novelty Co., 1 Fox typewriter and card platen	81.00	
Office Toilet Supply Co., toilet service	28.66	
Pike & Heald Co., plumbing repairs	3.04	
Putnam & Laflamme, boiler insurance premium	16.34	
Rapid Mailing Bureau, 100 letters	1.85	
Remington Typewriter Co., adjusting machine	1.25	
James Ried, trucking	12.75	
Riley & Sanborn, typewriter ribbons	7.00	
Sanborn Carriage Co., fire rake, etc.	3.10	
Star Stamp Co., brass checks and straps	11.50	
A. Storrs & Bement Co., supplies	39.50	
The Tablet & Ticket Co., letters	14.24	
Temple & Farrington Co.:		
Binding books	346.97	
Boxes, books, etc.	21.36	
Trustees of Library, appropriation for books	1,000.00	
Underwood Typewriter Co.:		
Due on exchange of machines	82.25	
1 ribbon	1.00	
University of Chicago Press, books	15.30	
John B. Varick Co., hardware and supplies	65.23	
The Veedee Manufacturing Co., tally counter	2.07	
Williams Printing Co., printing	112.25	
H. W. Wilson Co., books	44.60	
F. Mabel Winchell, expenses attending convention American Library Association, Berkeley, Cal.	154.00	
White, Son Co., book binder material	62.52	
		$3,479.28
Total expenditures		$17,000.00

Fire Department.

Appropriation	$137,398.00

Expenditures.

SERVICES.

Thomas W. Lane, chief engineer	$2,200.00	
Charles W. French, deputy chief	1,600.00	
Arthur W. Provost, first assistant fire chief	87.50	
Edwin W. Merrill, second assistant fire chief	187.50	
Edwin W. Merrill, deputy chief	800.00	
		$4,875.00

TEAMSTERS' AND ENGINEERS' PAY-ROLL.

January	$5,778.82	
February	5,773.48	
March	5,734.29	
April	5,755.49	
May	5,767.23	
June	5,862.54	
July	6,393.14	
August	6,987.36	
September	6,954.15	
October	6,900.61	
November	6,840.12	
December	6,853.76	
		$75,600.99

OTHER LABOR.

Bernard Barry	$10.00	
James D. Filleul	37.45	
Thomas Luby	28.00	
C. E. Rose	16.00	
		$91.45

CALL MEMBERS.

Engine Company No. 1	$1,253.25
Engine Company No. 2	1,166.85
Engine & Ladder Company No. 3	2,665.00
George L. Slack, omitted from pay-roll	7.83
Samuel Sturtevant, omitted from pay-roll	7.83
Engine Company No. 4	1,245.00
W. H. Sayward, omitted from pay-roll	7.83
Engine & Ladder Company No. 5	2,672.83
Engine & Ladder Company No. 6	2,680.82
Engine Company No. 7	2,680.83

Chemical Engine Company No. 1	$390.00	
Combination Company No. 2	1,074.44	
Aerial Truck Company No. 1	1,542.66	
Ladder Company No. 8	770.00	
Hose Company No. 1	1,065.14	
Hose Company No. 2	1,064.56	
Hose Company No. 3	1,065.24	
		$21,360.11

LAUNDRY.

Mrs. M. P. Collins	$35.06	
Frank C. Curtis	51.15	
Marion R. Laird	104.00	
Alise S. Merrill	8.50	
N. H. Towel Supply Co.	39.00	
Oneeda Laundry	139.15	
Mrs. C. D. Stevens	29.25	
Hughina L. Tebbetts	16.60	
		$422.71

FURNITURE AND BEDDING.

The Barton Company	$321.92	
James W. Hill Co.	111.40	
Charles A. Hoitt Co.	1,134.38	
Mrs. J. P. Walker	2.00	
		$1,569.70

PRINTING AND STATIONERY.

John B. Clarke Co.:		
Printing	$163.20	
Printing 425 annual reports	188.03	
George D. Fitts, Y. & E. sections	18.30	
W. P. Goodman, stationery and books	71.48	
Keystone Press, printing, etc.	83.25	
Rapid Mailing Bureau, Inc., 1 Fox typewriter	35.00	
Temple & Farrington Co., books	5.30	
Williams Printing Co., printing	38.54	
		$603.10

FUEL, LIGHTS, TELEPHONE, WATER.

Fred H. Balch, wood	$9.00	
L. B. Bodwell, coal	3,931.78	
J. Newell Brown, weighing coal	45.00	
J. H. DeCourcy Coal Co., wood	34.95	
C. A. & A. W. Flint, wood	118.25	

Manchester Traction, Light & Power Co., electric lights	$887.14	
Maxwell Ice Co., wood	4.00	
New England Telephone & Telegraph Co., service	315.20	
People's Gas Light Co., gas	512.70	
Water Commissioners, use of water	229.93	
		$6,087.95

SUPPLIES.

American-LaFrance Fire Engine Co., Inc., steam gauges and gasket	$61.22
Amoskeag Manufacturing Co., castings, etc.	36.28
Annis Flour & Grain Co., automobile supplies	10.10
Auto Tire Co., 1 tube, etc.	5.68
Ernest E. Austin, inserting platinum points, charging magnets, wire, etc.	58.73
C. G. Braxmar Co., badges	13.00
Boston Belting Co., supplies	.80
Brodie Electric & Automobile Co., supplies, etc.	74.55
Cornelius Callahan Co., supplies and repairs on hose	966.49
Combination Ladder Co. & Rhode Island Coupling Co., hub banks	2.56
Dayton Tire Co., 1 tire	87.50
D. W. Diggs, bottles, extinguishers, etc.	68.54
Elliott Manufacturing Co., waste	10.00
Frank E. Fitts Manufacturing & Supply Co., waste	41.20
Fisk Rubber Co., supplies, etc.	250.75
A. E. Foster, 1 clock	5.50
A. L. Franks & Co., electrical supplies	443.86
A. M. Fraser, ribbon for decoration	2.80
L. M. Folsom, duck and tape	.92
Granite State Rubber Co., hose, matting, rubber coats	70.49
Grether Fire Equipment Co., searchlight, etc.	16.00
Goodyear Tire & Rubber Co., tires, etc.	169.90
C. J. Greer, brass pipe	2.07
F. S. Hardy & Co., lamps and wire	8.08
Hanover Street Garage, unions and tubing	3.00
Hamblet & Hayes, sponges	53.35
A. Henry, nickel plating	6.25
J. Hodge, lumber	53.24
W. S. Holt & Son, waste	78.12
The Inter-State Machine Co., siren fire horns	50.00
Howard E. Johnson, motor supplies	12.53

Keezer Metal Polish Co., polish	$18.00	
O. F. Kress & Son, supplies	76.93	
Knight & Thomas, Inc., extinguishers	2.40	
Knox Motors Co., supplies	9.87	
Larkin Manufacturing Co., chemical nozzles	6.11	
Manchester Auto Garage, 1 bearing	1.10	
Manchester Broom Co., brooms	5.50	
Manchester Coal & Ice Co.:		
Ice, 1914	7.00	
Ice, 1915	6.40	
Manchester Hardware Co., hose	760.00	
Manchester Supply Co., bushings, couplings, etc.	7.32	
Manchester Traction, Light & Power Co., supplies and labor	76.77	
The Motor Car Equipment Co., switches, oiler, lamp	4.85	
Novelty Company, 1 Fox typewriter and stand	39.60	
Percy L. Nute, extension rollers and door trip	5.50	
F. F. Osgood, leather	.90	
Parnell Brothers, soap	46.00	
Piper-McIntire Co., auto supplies	6.50	
The Philadelphia Grease Manufacturing Co., grease	42.00	
The Post & Lester Co., supplies	135.12	
Robinson Fire Apparatus Manufacturing Co., valve springs, etc.	14.00	
Russia Cement Co., metal polish	6.00	
Stark Mills, cloth	14.95	
James A. Scully, polish	.50	
Standard Oil Co., gasoline and oil	723.89	
John H. Stevens, 2,000 feet 2½ Paragon hose and couplings	2,156.00	
Talbot Dyewood & Chemical Co., supplies	161.16	
J. F. Thomson, oil	6.00	
John B. Varick Co., hardware, hose, etc.	2,019.68	
Western Electric Co., supplies	29.00	
Western Union Telegraph Co., time service	12.75	
West Side Lumber Co., lumber	7.75	
Dean T. Wilton, polish	5.40	
A. M. Winchester, disinfectant	47.20	
		$9,125.66

REPAIRS, ETC.

Carl W. Anderson & Co., repairing time switch	$1.50	
Amoskeag Manufacturing Co., material and labor	22.70	

Bisson & Jodoin, repairing radiator	$6.55	
James W. Hill Co., repairing flag	3.50	
H. J. Lawson, material and labor	32.30	
Manchester Welding Co., welding	.50	
Pike & Heald Co., material and repairs	40.43	
John H. Stevens, brush and labor	2.61	
		$110.09

VETERINARY EXPENSES AND MEDICINE.

F. T. Arbuckle, V. S., professional services	$61.00	
G. D. Darrah, V. S., services and medicine	101.00	
H. B. Dunton, V. S., services and medicine	40.50	
Dyer & Chipman, supplies	46.20	
John J. Holland, medicine	22.05	
E. R. Monette, medicine	.45	
Winchester Tar Disinfectant Co., disinfectant	35.70	
		$306.90

AUTOMOBILE AND ENGINE REPAIRS.

E. E. Brown	$8.40	
Cadillac Automobile Co.	187.47	
S. P. Dodge Co.	242.91	
J. B. Filleul & Son	1,060.24	
J. H. Johnston & Sons	7.60	
H. J. Lawson	20.35	
Manchester Machine Works	175.37	
J. B. McCrillis & Son	565.04	
North End Garage	1.83	
Piper-McIntire Co.	5.69	
Sanborn Carriage Co.	255.69	
Shackford's Garage	66.67	
		$2,597.26

HARNESS SUPPLIES AND REPAIRS.

Charles E. Berry	$11.20	
G. W. Spaulding	1.00	
Joseph Vogel & Co.	50.00	
N. J. Whalen	95.25	
		$157.45

BLACKSMITHING.

P. J. Connor	$44.00	
P. J. Connor Co.	59.75	

J. B. Boisvert & Co.	$207.50	
L. M. George	36.00	
Gedeon Hebert	248.50	
M. W. Libby	13.68	
J. F. McDonald & Co.	415.00	
H. E. Netsch	190.25	
Peltier & Boisvert Co.	42.50	
Joseph Proud	8.61	
L. P. Tremblay	370.15	
		$1,635.94

HAY, GRAIN, ETC.

Adams Brothers	$2,319.76	
Arthur S. Brown	1,673.28	
George A. Dickey, Exr.	121.43	
John Gault	453.22	
F. H. Masse & Co.	3,080.29	
Partridge Brothers	7.80	
		$7,655.78

SUNDRIES.

American Express Co., charges	$21.32
S. P. Dodge Co., material and labor, motorizing apparatus	563.24
C. H. French, expenses to Worcester and Springfield, Mass., and Hartford, Conn., with Capt. Smith on fire drill school inspection	43.09
Hanover Street Garage, automobile for committees	11.25
E. H. Holmes, freight and cartage	42.26
George L. King, driving automobile to brush fires	6.00
Thomas W. Lane:	
Paid for freight and express	32.11
Expenses, convention, Cincinnati, Ohio	94.98
F. H. Masse & Co., repairing truck caused by collision, and team hiring	61.16
Edwin W. Merrill, expenses to Boston and Providence with Capt. Provost on fire drill school inspection	30.56
Ubald E. Noury, damage to horse and team, by runaway F. D. horse, full payment for all damages sustained	25.00
Perk's Lunch Co., food, for brush fire fighters	2.80

J. J. Powers, M. D., medical attendance	$5.00	
George W. Upton, use of auto	22.00	
George A. Whitten, spare driver	41.00	
		$1,001.77
Total expenditures		$133,201.86
Transferred to unappropriated money		2,252.39
Transferred to new account		1,943.75
		$137,398.00

Fire-Alarm Telegraph.

Appropriation	$12,000.00

Expenditures.

LABOR.

January	$506.54	
February	524.96	
March	608.44	
April	608.28	
May	608.28	
June	608.44	
July	608.28	
August	608.28	
September	608.44	
October	608.28	
November	608.28	
December	608.44	
		$7,114.94
Patrick Brickley	$3.48	
William Cunningham	3.60	
Nelson Gentilly	3.60	
Nicholas Harlan	10.80	
W. W. Holbrook	10.80	
		$32.28

SUNDRIES.

American Steel & Wire Co., wire	$678.59
Arthur S. Brown, cement	.40
George B. Cressey, putty	.30

A. L. Franks & Co., electric supplies and labor	$484.85	
W. P. Goodman, 1 directory	6.00	
Gamewell Fire-Alarm Telegraph Co.:		
Fire-alarm boxes	608.00	
Other supplies	433.91	
F. S. Hardy & Co., electrical supplies	568.89	
C. A. Hoitt Co., felt	.75	
E. H. Holmes, freight and cartage	39.99	
Keystone Press, printing blanks	24.75	
T. F. Landrigan, cutting pipe	.25	
H. J. Lawson, material and labor	4.32	
Manchester Auto Garage Co., supplies	1.40	
Manchester Cement Block & Concrete Co., repairs on concrete	12.00	
Manchester Traction, Light & Power Co., electricity and fibre	76.27	
J. F. Marchand, threading pipe	.25	
J. B. McCrillis & Son, material and labor	19.31	
R. Mitchell & Co., whistle valve	30.00	
C. W. H. Moulton Co., sides for ladders	8.00	
The Motor Car Equipment Co., switches	4.10	
New England Telephone & Telegraph Co.:		
Expense omitted from bill November, 1914	1.00	
Iron bend	1.83	
Cost of pulling in underground cable	41.36	
Pike & Heald Co., material and labor	36.74	
Harry A. Piper, filing saws	1.40	
Sanborn Carriage Co., labor on wedges, etc.	6.85	
James A. Scully, polish	.50	
J. F. Seaward, cable boxes	36.00	
Sherwin-Williams Co., varnish	12.90	
John H. Stevens, material and labor	9.34	
John B. Varick Co., hardware, etc.	164.26	
West Side Lumber Co., lumber	1.15	
Western Electric Co., supplies	257.61	
Western Union Telegraph Co., clock rental	3.75	
Williams Printing Co., printing	15.00	
		$3,592.02
Total expenditures		$10,739.24
Transferred to new account		171.00
Transferred to unappropriated money		1,089.76
		$12,000.00

Hydrant Service.

Appropriation		$24,250.00

EXPENDITURES.

Water Commissioners, hydrant rentals		$24,250.00

New Fire-Alarm and Building.

Balance from last year unexpended	$2,680.15	
Transferred from unappropriated money	634.23	
		$3,314.38

EXPENDITURES.

James H. Mendell Co., judgment, Superior Court:		
Balance due on contract for building	$3,246.30	
Costs	67.91	
Execution	.17	
		$3,314.38
Total expenditures		$3,314.38

Police Commission.

Appropriation	$93,200.00	
Transferred from unappropriated money	525.07	
		$93,725.07

EXPENDITURES.

SERVICES.

Michael J. Healy, chief of police	$3,500.00	
John M. East, deputy chief	1,800.00	
John F. Griffin, clerk	1,342.86	
A. Bernette Brown, police matron	549.00	
Almus W. Morse, commissioner	150.00	
Frank W. Sargeant, commissioner	100.00	
Frederick W. Shontell, commissioner	100.00	
Regular and special patrol	79,940.86	
		$87,482.72

PRINTING AND STATIONERY.

John B. Clarke Co., printing	$57.15	
George D. Fitts, stationery	1.75	
W. P. Goodman, books and stationery	87.86	
Johnson Paper Co., bands	2.50	
Temple & Farrington Co., books and binding books	36.00	
Arthur E. Vogel, 500 subpoenas	5.00	
Williams Printing Co., printing	10.00	
		$200.26

TELEPHONE AND TELEGRAPH.

New England Telephone & Telegraph Co., use of telephones	$185.79	
Western Union Telegraph Co.:		
Telegrams	10.78	
Clock rental	12.00	
		$208.57

FEEDING PRISONERS.

Imperial Restaurant	$206.80	
Grenier & Son	44.25	
J. F. Meade	86.05	
National Biscuit Co.	101.13	
		$438.23

PATROL SYSTEM EXPENSES.

Adams Brothers, hay and grain	$278.79
Annis Flour & Grain Co., automobile brushes	2.75
Archibald Wheel Co., truck wheels	93.00
Ray A. Barnes, supplies	35.68
W. G. Berry, automobile insurance premium	178.50
Bisson & Jodoin, 1 battery box and repairs	23.40
Bosch Magneto Co., material and repairs	7.20
Boston & Maine Railroad, freight	8.54
George H. Buckminster Co., batteries, tape, etc.	134.98
Leo A. Cavanaugh, automobile service	.75
Thomas Chandonnet, labor on wires	39.00
C. H. Dennis & Co., labor on patrol system	24.50
A. J. Douville, welding	6.50
The Draeger Oxygen Apparatus Co.:	
1 Pulmotor	150.00

Extra cylinders, and refilling cylinders....	$58.60
H. B. Dunton, V. S., professional services and medicine	28.50
Wilbur Eldridge, painting wheels.....	14.50
The Esterline Co., supplies	20.19
Farrell Brothers, auto lamps and snap switch	2.17
Fisk Rubber Co., motor supplies	145.35
Thomas F. Fitzsimmons, painting automobile and motorcycle	132.00
Finney Upholstering & Window Cleaning Co., leather seats	29.50
A. L. Franks & Co., electric supplies and labor	16.77
George A. Freeman, 1 search light.....	5.00
Harry J. Freeman, use of automobile.....	40.00
Freeman Brothers, horse hire.....	5.50
L. M. George, horseshoeing, etc.	57.68
Abraham Green, rent of shed	60.00
Gulf Refining Co., gasoline, grease, kerosene	413.28
Granite State Rubber Co., washers	1.50
Sherman J. Hadlock, use of automobile.....	270.00
Hanover Street Garage, rental of cars	35.25
James Harlan, labor on wires.....	66.00
F. D. Harper, batteries	12.00
J. Hodge, lumber	18.93
C. A. Hoitt Co., carpet	13.37
W. S. Holt & Son, cheese cloth	25.60
E. H. Holmes, cartage	3.75
Kimball Carriage Co., stable sheets.....	3.60
L. S. Knowlton, team and horse hire	48.00
Wade H. Knowlton, cylinder and motor oil...	36.88
Charles Kean, labor on wires	4.00
Knox Motors Co., supplies	259.12
Knox Motor Associates, supplies	67.43
Manchester Coal & Ice Co.:	
Ice, 1914	7.05
Ice, 1915	8.75
Manchester Traction, Light & Power Co., 1 simplex cleaner	18.50
Mitchell Manufacturing Co., badges	6.25
Neostyle Company, paper and ink	77.70
Novelty Co., connecting wire and attaching on typewriter	.75
Frederick Pearce Co., supplies and repairs....	270.30
Louis M. Pignolet, 1 miniature voltammeter	6.50
Pike & Heald Co., galvanized iron	.20
Post & Lester Co., chains	7.32
Queen City Motorcycle Garage, supplies, etc. .	14.20

Remington Typewriter Co., adjusting machine, and coupon book	$19.00	
Sampson-Soch Co., 1 clip set	10.50	
Sanborn Carriage Co., material and repairs	3.10	
James A. Scully, mattresses, chair, linoleum	24.88	
Standard Oil Co., gasoline	99.00	
L. P. Tremblay, horseshoeing	76.55	
United Electric & Apparatus Co., repairs and supplies	384.30	
U. S. Tire Co., auto supplies	407.98	
Western Electric Co., supplies	67.76	
N. J. Whalen, harness and repairs	58.65	
The Whitney Manufacturing Co., chain	18.99	
		$4,466.29

HARDWARE AND REPAIRS.

Amoskeag Manufacturing Co., repairing valves	$3.00	
T. J. Briggs, repairing dippers	.85	
Connecticut Telephone & Electric Co., repairing igniter	6.07	
A. J. Douville, repairs	12.75	
Manchester Hardware Co., hardware	15.48	
Manchester Machine Works, labor	8.39	
Manchester Welding Co., welding	7.25	
J. J. Moreau & Son, hardware	12.87	
Novelty Co., repairing typewriter	1.00	
Pike & Heald Co., clamps	1.08	
Harry A. Piper, 4 grappling poles	4.85	
Post & Lester Co., motor supplies	4.32	
John B. Varick Co., hardware, etc.	274.55	
		$352.46

SUNDRIES.

John B. Hall Co., medicine and supplies	$50.65	
Nellie Hardy, caring for lost children	48.00	
M. J. Healy, officers expenses and office supplies	230.92	
E. S. Leslie, photographing criminals	198.00	
J. H. McManus, moving boats	3.00	
N. H. Towel Supply Co., laundry	43.97	
Fred M. Ray, removing dead horse	2.00	
		$576.54
Total expenditures		$93,725.07

Police Station.

Appropriation	$3,000.00	
Transferred from unappropriated money	2,488.07	
		$5,488.07

Expenditures.

FUEL, LIGHTS, WATER.

L. B. Bodwell, coal	$825.28	
J. Newell Brown, weighing coal	18.75	
J. H. DeCourcy Coal Co., wood	36.20	
Manchester Traction, Light & Power Co., electric lights	279.65	
Maxwell Ice Co., wood	7.50	
People's Gas Light Co., gas	83.00	
Water Commissioners, use of water	82.15	
		$1,332.53

SUNDRIES.

Thomas Chandonnet, assistant janitor	$135.75	
A. L. Franks & Co., lamps, etc.	55.02	
C. A. Hoitt Co., stools	4.25	
John J. Holland, druggists' supplies	23.65	
Edward F. Jones, services as janitor	82.50	
Kennedy & Peterson Construction Co.:		
97 Lockers	834.20	
New floors and extra work on station	1,680.00	
Manchester Traction, Light & Power Co., lamps	12.00	
A. A. Mooney Furniture Co., furniture, bedding, shades	513.85	
F. E. Nelson Co., crockery and glass ware	9.10	
N. H. Towel Supply Co., laundry	21.69	
Pike & Heald Co., pipe, clips, etc.	1.03	
Frank P. Wiggin, services as janitor	742.50	
Worrell Manufacturing Co., "Vermin Go"	40.00	
		$4,155.54
Total expenditures		$5,488.07

Police Court.

Transferred from unappropriated money	$2,612.49

EXPENDITURES.

SERVICES.

Charles A. Perkins, police justice	$1,425.00	
Arthur S. Healy, special justice	277.08	
Robert C. Laing, clerk of court	593.75	
John R. McLane, probation officer	316.66	
		$2,612.49
Total expenditures		$2,612.49

Repairs of Public Buildings.

Appropriation	$19,000.00	
Received from temporary loans	7,500.00	
		$26,500.00

EXPENDITURES.

LABOR.

January	$1,129.76	
February	1,789.52	
March	1,105.61	
April	531.49	
May	619.20	
June	605.95	
July	618.83	
August	662.14	
September	1,086.95	
October	722.87	
November	896.92	
December	954.14	
		$10,723.38

SUNDRIES.

C. W. Abbott, door springs	$225.87
J. J. Abbott, paint, paper and labor	190.15
American Tube Works, supplies	30.98
Amoskeag Manufacturing Co., castings, etc.	96.10
Annis Grain & Lumber Co., boards, etc.	156.51
Astoria Radiator Shield Co., shields for library	375.00
L. E. Bagley, moving bath house	15.00

Hugh Barnes & Co., plastering	$208.20
R. J. Barry, radiator shields	86.37
R. J. Barry & Co., radiator shields	50.64
Bisson & Jodoin, brazing brackets, roofing material and labor, etc.	352.03
Barton Co., heating boiler	200.00
Arthur S. Brown, cement and lime	88.65
Brodie Electric & Automobile Co., supplies	74.22
Board of Public Works:	
Cement foundation, city scales	31.01
Gravel and stone	12.80
Boston & Maine Railroad, freight	50.05
E. M. Bryant & Co., electrical supplies	40.10
Bunton & Bernard, brick	15.30
Chamberlin Metal Weather Strip Co., weather stripping 7 windows	30.80
Chandler & Farquar Co., 1 lathe and 2 chucks	540.10
James A. Colby, cleaning cesspools	66.00
Charles Connor, hauling stone and cleaning vault	19.50
Dalton-Ingersoll Manufacturing Co., supplies	1.06
Joel S. Daniels, putty	2.00
Derryfield Company, glass	15.50
S. P. Dodge Co., material and repairs	42.05
William Downs, lettering door	1.50
Farrell Brothers, electric supplies and repairs	607.33
J. A. Fay & Egan Co.:	
Planer and jointer and double circular saw	448.23
Patent band saw	222.90
Fellows & Son, sawdust	5.75
George D. Fitts, guides and folders	3.31
H. S. Foster, cash paid for truck license and car fare	13.10
Fontaine-Duguay Co., book file	30.25
A. L. Franks & Co., electric supplies and labor	532.44
L. M. George, blacksmithing	31.53
W. P. Goodman, stationery	5.51
Granite State Rubber Co., tubing	.15
Gulf Refining Co., gasoline	171.95
Peter Harris & Son, 5 keys	.50
Hayes & Young, insurance premium	272.60
J. Hodge, supplies	843.32
Hubbard Sash & Blind Factory, lumber	510.26
Keystone Press, cards	2.75
Arthur P. Knapp, 1 fire escape and grill work	273.00
H. J. Lawson, material and repairs	8.01
F. D. Leighton, plumbing material and labor	275.97

J. W. Lindsay, plumbing supplies and labor...	$209.02
F. P. Lyons Iron Works, iron grill, beams and channel	123.36
Manchester & Concord Express Co., express charges	3.87
Manchester Iron & Metal Co., iron and rails	24.46
Manchester Hardware Co., hardware	1.68
Manchester Machine Works, material and labor	9.30
Manchester Nickel Plating Co., nickel plating	24.35
Manchester Street Railway, car tickets	110.00
Manchester Supply Co., pipe, valves, etc.	264.09
Manchester Traction, Light & Power Co.:	
Electricity	82.74
Motors, pulleys, etc.	344.14
Manchester Welding Co., welding	5.00
F. H. Masse & Co., bags	1.20
J. B. McCrillis & Son, forging iron	2.24
C. F. McDonald, supplies and labor	99.83
A. J. McKelvie, supplies	2.80
J. H. Mendell Co., brick, cement, glass	25.19
John Muir, lumber	405.26
New England Cement Construction Co., sand, stone, cement and labor	36.45
New England Telephone & Telegraph Co.,	
New England Telephone & Telegraph Co., service	31.00
F. L. Noyes, roofing material and labor.....	435.67
F. F. Osgood, leather	1.69
Fred L. Peaslee, cleaning vaults	4.00
Penn Metal Co., metal	458.59
People's Gas Light Co.:	
Gas	2.40
Water valve and brazing	7.63
A. L. Perry, mason work	107.84
Pike & Heald Co., plumbing, steamfitting, etc.	218.96
Pittsburgh Plate Glass Co., plate glass.....	19.13
Rainford & Schwartz, rebuilding furnace	27.70
W. S. Rainford, material and mason work....	16.75
Rapid Mailing Bureau, Inc., paper	1.00
Elmer E. Reed, mason work	373.72
J. A. Rogers, copper, iron, screen cloth	10.90
Robie Consolidated Concrete Co., concrete ...	58.58
Sanborn Carriage Co., material and labor ..	140.09
William Schwartz, mason work	209.54
John A. Sheehan, insurance premium	119.50
Thomas Smith, repairs	.60

John H. Stevens, plumbing and steamfitting..	$983.26	
J. H. & B. H. Stone, painting	233.75	
Spencer Turbine Cleaner Co., brushes	4.55	
George S. Trudel Co., plumbing supplies	952.90	
Thurber & Robitaille, cards	6.50	
U. S. Bobbin & Shuttle Co., lumber	14.00	
John B. Varick Co., supplies	1,362.75	
Water Commissioners, use of water	18.00	
Water Commissioners, pipe	7.66	
F. W. Webb Manufacturing Co., 1 fountain and receptors	214.00	
West Side Lumber Co., lumber	214.81	
Williams Printing Co., cards	9.00	
Arthur L. Willis, chauffeur license	5.00	
G. S. Wilson, erecting steel ceilings	360.00	
N. J. Whalen, 1 blanket	2.00	
		$15,709.85
Total expenditures		$26,433.23
Transferred to unappropriated money		66.77
		$26,500.00

Contagious Hospital.

Appropriation from sale of bonds	$75,000.00

EXPENDITURES.

Transferred to new account	$75,000.00

Massabesic Hose House.

Appropriation by loan	$1,000.00

EXPENDITURES.

Transferred to new account	$1,000.00

Addition to Varney Schoolhouse.

Appropriation by resolution	$8,000.00

EXPENDITURES.

Transferred to new account	$8,000.00

Women's and Children's Ward, Site and Building.

Balance from last year unexpended	$25,000.00	
Appropriation	5,000.00	
		$30,000.00

EXPENDITURES.

ARCHITECT.

W. M. Butterfield, plans and specifications		$829.00

CONTRACTS.

A. L. Franks & Co., fixtures complete		$300.00
Kennedy & Peterson Construction Co.:		
Building	$27,033.00	
Extra work	233.00	
		$27,266.00
Van Dorn Iron Works Co., steel cells		$1,423.48

SUNDRIES.

C. A. Hoitt Co., furniture and bedding	$85.13	
People's Gas Light Co., 1 range	15.00	
James Ried, freight and cartage	1.52	
Albert Russell & Sons Co., 1 bronze tablet	72.00	
John B. Varick Co., knives, forks, spoons	4.90	
		$178.55
Total expenditures		$29,997.03
Transferred to unappropriated money		2.97
		$30,000.00

Care of City Clocks.

Appropriation	$160.00

EXPENDITURES.

Henry I. Lemay	$80.00	
Peter J. Thornton	3.75	
Charles A. Trefethen	40.00	
		$123.75
Total expenditures		$123.75
Transferred to unappropriated money		36.25
		$160.00

Subway Comfort, Merrimack Square.

Appropriation	$3,700.00	
Transferred from unappropriated money	112.12	
		$3,812.12

EXPENDITURES.

CARETAKERS.

Mrs. Ida Beliveau	$173.33	
Nellie Callahan	541.66	
Alderic Derome	240.00	
Marion S. Goings	478.33	
Mrs. J. J. Holland	37.50	
Willard L. Miner	480.00	
Timothy Sullivan	720.00	
Maria Tracy	15.00	
		$2,685.82

SUNDRIES.

American Coin Lock Co., receipts of pay closets	$123.80
Barton Company, cheese cloth	.80
L. B. Bodwell, coal	134.42
The Cudahy Packing Co., grit powder	5.00
Walter E. Graf, cartage	.25
Manchester Traction, Light & Power Co., lights and lamps	156.22
Manchester Hardware Co., dusters	2.00
People's Gas Light Co., gas	59.60
W. J. Smith, washing towels	14.18

C. D. Steele, soap	$1.25	
John B. Varick Co., toilet paper, brooms, waste, towels	205.58	
Water Commissioners, use of water	391.70	
Winchester Tar Disinfectant Co., disinfectant	31.50	
		$1,126.30
Total expenditures		$3,812.12

Water-Works.

Balance from last year unexpended	$19,823.80	
Cash received for water rents	166,295.27	
Premium on water bonds sold	1,270.00	
		$187,389.07

Expenditures.

LABOR.

January	$3,949.15	
February	3,910.14	
March	3,152.26	
April	3,137.74	
May	3,294.95	
June	4,294.44	
July	4,008.23	
August	3,755.12	
September	4,753.15	
October	3,738.63	
November	3,610.12	
December	3,532.56	
		$45,136.49
G. C. Gale	$7.50	
Elmer Hoyt	1,607.50	
E. E. Hoyt	120.15	
Samuel McDonald	61.50	
Samuel Reed	42.50	
S. H. Webster	62.50	
		$1,901.65

SUPERINTENDENT AND WATER COMMISSIONERS.

James H. Mendell:		
Salary as superintendent	$3,000.00	
Allowance for upkeep of automobile	400.00	
Walter G. Africa, 18 meetings of board	90.00	
Perry H. Dow, 11 meetings of board	55.00	
Charles M. Floyd, 18 meetings of board	90.00	
Arthur M. Heard, 11 meetings of board	55.00	
Edgar J. Knowlton:		
23 meetings of board	115.00	
Salary as clerk of board	100.00	
Charles H. Manning, 44 meetings of board	220.00	
Robert E. McKean, 6 meetings of board	30.00	
		$4,155.00

PRINTING, ADVERTISING, OFFICE SUPPLIES.

Burroughs Adding Machine Co., attention to machine	$8.00	
John B. Clarke Co.:		
Printing	152.85	
250 annual reports	182.00	
Advertising	16.41	
Clipless Paper Fastener Co., repairing machine	.74	
George D. Fitts, stationery	21.29	
C. A. Hoitt Co., desk and chair	64.75	
H. C. Jackson, 1 moistener	1.50	
Library Bureau, guides, cards, etc.	55.75	
A. E. Martell Co., index and binder	5.40	
Office Toilet Supply Co., toilet service	9.75	
Rapid Mailing Bureau, Inc., labor on lists	68.69	
Sampson & Murdock Co., 1 directory	5.00	
Star Stamp Co., repairs and one stencil	1.75	
John R. Willis, P. M., stamps and envelopes	124.47	
		$718.35

FUEL, GAS, TEAMS, TELEPHONE.

The Carbon Coal & Coke Co., coal	$1,681.63	
W. E. Dunbar & Sons, coal	54.50	
H. W. Eager, rental of automobile	15.00	
W. A. Jepson Coal Co., coal	92.06	
Manchester Street Railway, car tickets	270.00	
New England Telephone & Telegraph Co., use of telephones	88.26	
People's Gas Light Co., gas	3.60	
W. E. Warren, sawing wood	59.00	
		$2,264.05

BLACKSMITHING, EXPRESS, FREIGHT, HARDWARE.

C. H. Allyson, blacksmithing	$701.10	
American Express Co., charges	30.08	
Boston & Maine Railroad, freight and demurrage	4,608.34	
L. E. Bagley, cartage	276.00	
H. J. Dexter, sharpening tools	223.05	
Manchester & Concord Express Co., charges	2.18	
Manchester Hardware Co., hardware	154.57	
John B. Varick Co., hardware and tools	992.83	
		$6,988.15

LEGAL SERVICES.

Jones, Warren, Wilson & Manning	$140.00

SUPPLIES.

Adams Brothers, supplies	$34.50
American Locomotive Co., plugs, caps, sleeves	14.28
American Steam Gauge & Valve Manufacturing Co., gauge, valve and springs	10.65
Amoskeag Manufacturing Co., supplies	392.00
Beacon Motor Car Co., supplies	1,258.13
Besse-Eldridge Co., rubber boots	11.25
Bisson & Jodoin, supplies and labor	26.55
Board of Public Works, stone, etc.	6.16
Harold L. Bond Co., supplies	289.75
Brodie Electric & Automobile Co., supplies	22.80
Brown Brothers, reading glass for transit	1.00
E. M. Bryant & Co., electric supplies	4.10
Builders Iron Foundry, supplies	151.55
Chapman Valve Manufacturing Co., valves, goose necks, curb boxes, etc.	1,258.42
Concord Foundry & Machine Co., castings	240.36
E. P. Cornish, castings and packing	34.41
Harry J. Danforth, supplies	24.70
Derryfield Co., doors and screens	12.75
D. M. Dillon Steam Boiler Works, supplies and labor	1,238.39
Donaldson Iron Co., pipe	13,257.55
A. L. Franks & Co., electrical supplies, etc.	449.23
General Electric Co.:	
Generator and accessories	4,264.00
Lightning arresters	248.14
Granite State Rubber Co., rubber boots, etc.	47.21

Hays Manufacturing Co., supplies	$86.45
James W. Hill Co., duck	3.95
J. Hodge, lumber, grade stakes	25.88
Charles A. Hoitt Co., wall paper, etc.	12.89
W. S. Holt & Son, waste	10.80
A. P. Horne & Co., shrubs	89.50
International Steam Pump Co., valve chamber for engine and services and expenses of erector	521.10
The C. M. Kemp Manufacturing Co., supplies	13.00
Thomas W. Lane, steamer "Tom"	475.00
Lead Lined Iron Pipe Co., pipe	2,024.44
Ludlow Valve Manufacturing Co., gates and valves	32.00
Manchester Supply Co., supplies	.52
Manchester Traction, Light & Power Co., electric lights and power, lamps and labor	3,099.23
Maxwell Ice Co., ice, 1914	10.56
A. J. McKelvie, sheet tin	1.45
J. H. Mendell Co., lumber	44.68
H. Mueller Manufacturing Co., supplies	342.50
National Meter Co., meters, etc.	730.60
Neptune Meter Co meters, etc.	1,310.58
Norwood Engineering Co., supplies	10.75
F. F. Osgood, leather	3.81
Henry W. Parker, cement, soap, etc.	165.43
Perry Oil Co., cylinder and engine oil	476.49
Pittsburgh Plate Glass Co., plate glass	18.44
Post & Lester Co., supplies	5.00
Power Equipment Co., 1 motor driven pumping unit	2,511.00
Rensselaer Valve Co., supplies	506.05
Revere Rubber Co., packing, hose	87.00
Robie Consolidated Concrete Co., brick and concrete	9.00
Rodefeld Manufacturing Co., pipe cutter wheels	8.00
Sanborn Carriage Co., tires	101.76
A. P. Smith Manufacturing Co., supplies	529.50
Smith Box & Lumber Co., boxes	135.25
Standard Oil Co., gasoline, etc.	1,514.39
Standard Underground Cable Co., wire	1,363.47
John H. Stevens, pipe, etc.	231.49
C. D. Steele, soap	19.47
Sullivan Machinery Co., supplies	126.32
Thomson Meter Co., supplies	874.56
G. E. Trudel & Co., supplies	63.13

Toledo Pipe Threading Machine Co., dies....	$3.92	
The Trump Manufacturing Co., 2 water wheels, etc.	3,577.00	
Union Water Meter Co., supplies	777.24	
John R. Willis, brushes for truck	3.55	
Wetmore-Savage Co., supplies	143.31	
Henry R. Worthington, supplies	6.81	
		$45,405.15

REPAIRS, ETC.

American Steam Gauge & Valve Manufacturing Co., repairing gauge	$3.50	
Carl W. Anderson & Co., repairing clock	1.50	
C. L. Berger & Sons, repairing transit	16.20	
Bisson & Jodoin, material and labor	6.77	
G. C. Colman, glass, putty, labor	1.16	
E. P. Cornish, welding	2.05	
George B. Cressey, paint and labor	3.37	
F. G. Eaton, paper hanging and painting	43.06	
C. Johnson, cutting thresholds	5.10	
Hersey Manufacturing Co., repairing meters..	3.07	
Manchester Machine Works, material and labor	127.46	
Manchester Welding Co., labor	41.75	
J. B. McCrillis & Son, repairing magneto and coil	31.56	
J. H. Mendell Co., labor and material	289.04	
National Meter Co., repairing meters	450.14	
Neptune Meter Co., repairing meters	36.40	
Pittsburgh Meter Co., repairing meters	6.00	
Elmer E. Reed, mason work	103.69	
Robie Consolidated Concrete Co., repairs	7.55	
Sanborn Carriage Co., paint and varnish	9.90	
Thomson Meter Co., repairing meters	46.74	
Union Water Meter Co., repairing meters	66.50	
Henry R. Worthington, repairing meters	5.70	
		$1,308.21

SUNDRIES.

Town of Auburn, taxes	$902.83	
W. G. Berry, insurance premiums	86.50	
John Connolly, allowance for uniform	50.00	
Mary A. Harvey, option on property	100.00	
J. E. Holmes, luncheon for 42 persons	107.98	

J. H. Mendell, cash paid:		
Car fare and expenses attending sundry water-works meetings, Boston, etc.	$62.27	
Samuel McDonald, hauling wood	90.00	
N. H. Forestry Commission, transplants	300.00	
Sinking Fund Commissioners:		
Payment of water bonds	22,000.00	
Hydrant rentals	24,250.00	
State of New Hampshire, registration of truck and chauffeur license	17.00	
G. A. Vermille Insurance Agency, insurance premium	36.75	
George A. Woolner, car fare and expenses while in New York learning to repair meters	48.40	
		$48,051.73
Total expenditures		$156,068.78
Transferred to interest account		14,220.00
Transferred to new account		17,100.29
		$187,389.07

Pine Grove Cemetery.

Appropriation	$20,000.00	
Amount refunded on automobile	50.00	
		$20,050.00

Expenditures.

LABOR.

January	$657.68	
February	784.56	
March	774.96	
April	1,068.69	
May	1,430.98	
June	1,769.14	
July	1,348.52	
August	1,442.00	
September	1,891.62	
October	1,651.67	
November	1,931.08	
December	929.43	
		$15,680.33

FUEL, INSURANCE, LIGHTS, TELEPHONE, WATER.

Everett & Bunton, insurance premium	$12.00	
Clarence M. Edgerly, insurance premium	112.50	
Manchester Traction, Light & Power Co., lights	12.00	
New England Telephone & Telegraph Co., tolls	2.28	
Bayard C. Ryder, insurance premium	67.50	
Water Commissioners, use of water	563.99	
Union Coal Co., coal	223.49	
		$993.76

PRINTING AND STATIONERY.

John B. Clarke Co., printing	$9.50	
George D. Fitts, stationery	4.60	
W. P. Goodman, stationery and books	6.92	
John R. Willis, P. M., envelopes	21.24	
		$42.26

TEAM EXPENSES.

Arthur S. Brown, hay and grain	$373.64	
L. P. Tremblay, horseshoeing	40.90	
N. J. Whalen, supplies and repairs	9.45	
		$423.99

REPAIRS AND IMPROVEMENTS.

Board of Public Works, rock, brick, sewer pipe	$110.36
Boston & Maine Railroad, freight	2.77
E. M. Bryant & Co., lamps	1.58
S. P. Dodge Co., sharpening tools, etc.	25.95
Frigid Fluid Co., tent and lowering device	130.15
A. H. Hews & Co., Inc., flower pots	10.00
J. Hodge, grade stakes, etc.	17.28
A. P. Horne & Co., shrubs	7.50
Manchester Hardware Co., shovels	5.50
Manchester Supply Co., pipe, etc.	938.28
A. L. Perry, mason work	20.16
Pike & Heald Co., material and labor	92.40
C. O. Polson, painting and papering	38.39
Reade Manufacturing Co., weed exterminator	35.00
Smith Iron Foundry, grates and frames	27.00
Standard Oil Co., gasoline	106.50
D. F. Sullivan Auto Co., 1 automobile, accessories and supplies	536.00
James Thompson, loam	370.00
John B. Varick Co., tools and hardware	325.54

Water Commissioners, domes and cover.....	$13.20	
West Side Lumber Co., lumber and labor.....	67.20	
		$2,880.76

SUNDRIES.

Edwin F. Jones, making annual report	$25.00
Total expenditures	$20,046.10
Transferred to unappropriated money	3.90
	$20,050.00

Valley Cemetery.

Appropriation	$5,500.00

EXPENDITURES.

LABOR.

January	$317.50	
February	301.75	
March	254.00	
April	327.49	
May	382.50	
June	509.50	
July	293.75	
August	480.25	
September	550.00	
October	388.75	
November	491.50	
December	280.25	
		$4,577.24

FUEL, STATIONERY, TELEPHONE, WATER.

W. E. Dunbar & Sons, coal.....	$49.50	
New England Telephone & Telegraph Co., service	25.02	
Sampson & Murdock Co., 1 directory.....	5.00	
Water Commissioners, use of water.....	108.10	
		$187.62

TEAM EXPENSES.

H. J. Dexter, horseshoeing	$10.20	
S. P. Dodge Co., repairs	32.00	
F. H. Masse & Co., hay and grain	78.88	
Mrs. J. C. Smith, barn rent	25.00	
Frank J. Smith, barn rent	36.00	
Joseph Vogel & Co., harness repairs	5.60	
Wiggin-Young Co., grain	7.60	
		$195.28

REPAIRS AND IMPROVEMENTS.

Bridget Clune, dressing	$6.00	
W. E. Dunbar & Sons, loam and dressing	28.50	
J. E. Hartshorn, plumbing repairs	36.49	
J. Hodge, lumber	11.76	
Manchester Hardware Co., hooks	1.25	
Henry W. Parker, cement	33.30	
Pine Grove Cemetery, plants	88.20	
John B. Varick Co., hardware and tools	76.34	
West Side Lumber Co., lumber	45.49	
		$327.33

SUNDRIES.

Harrie H. Clement, typewriting	$2.00	
Ezra A. Jones, M. D., professional services, Walter Hale	67.00	
F. C. Livingston, salary as clerk of sub-trustees	10.00	
E. C. Smith, cash paid:		
Freight, plants, shavings, stamps	14.77	
Expenses to convention at Minneapolis	110.00	
		$203.77
Total expenditures		$5,491.24
Transferred to unappropriated money		8.76
		$5,500.00

Amoskeag Cemetery.

Appropriation	$250.00

EXPENDITURES.

LABOR.

George C. Harwood	$131.00	
Peter Sefton	102.00	
		$233.00

SUNDRIES.

John Francis, plants	$5.00	
Water Commissioners, use of water	12.00	
		$17.00
Total expenditures		$250.00

Merrill Cemetery.

Appropriation	$100.00

EXPENDITURES.

LABOR.

April	$28.00	
June	7.00	
August	16.00	
October	49.00	
		$100.00
Total expenditures		$100.00

Printing and Advertising.

Appropriation	$300.00	
Transferred from unappropriated money	384.48	
		$684.48

EXPENDITURES.

SUNDRIES.

John B. Clarke Co., printing	$673.80	
John R. Willis, P. M., envelopes	10.68	
		$684.48
Total expenditures		$684.48

Books and Stationery.

Appropriation	$50.00

EXPENDITURES.

SUNDRIES.

John B. Clarke Co., printing	$3.25	
George D. Fitts, stationery and books	7.32	
John R. Willis, P. M., envelopes and stamps	15.62	
		$26.19
Total expenditures		$26.19
Transferred to unappropriated money		23.81
		$50.00

Furniture and Supplies.

Appropriation	$1,500.00

EXPENDITURES.

SUPPLIES.

American Seating Co., inkwell glasses	$1.20
Farrell Brothers, lamps, mantles, etc.,	16.53
George D. Fitts, supplies	5.55
L. M. Folsom, ribbon	51.36

N. J. Fontaine & Co., repairing chair.....	$1.25	
A. L. Franks & Co., lamps and mantles	23.60	
W. P. Goodman, books and stationery	7.25	
James W. Hill Co., flags, bunting	19.70	
Johnson's Bookstore, manifold paper	1.00	
Johnson Paper Co., manifold paper	1.11	
Kenney Bros. & Wolkins, inkwells	16.38	
Carl S. Magoon, carbon paper	1.25	
Star Stamp Co., 1 stamp	1.50	
Temple & Farrington Co., 1 book	1.75	
John B. Varick Co., supplies	6.75	
John R. Willis, P. M., stamps and stamped envelopes	51.72	
		$207.90

FURNITURE.

Carl W. Anderson & Co., clocks	$4.00	
Milton Bradley Co., chairs and tables	58.85	
Fontaine, Duguay & Co., desks, chairs, tables	85.75	
Granite State Rubber Co., mats	3.60	
J. L. Hammett Co., blackboards	12.70	
J. Hodge, platforms, cupboard, boards	15.54	
E. F. Hodgson Co., blackboards	32.00	
C. A. Hoitt Co., chairs, desks, shades	169.75	
Kenney Bros. & Wolkins, furniture	554.71	
Manchester Traction, Light & Power Co., 1 disc stove and saute pan	12.52	
F. E. Nelson Co., cups and spoons	2.40	
People's Gas Light Co., gas ranges and burner	53.00	
James A. Scully, chairs and castors	28.50	
E. F. Tuson, keys	1.10	
C. A. Trefethen, clocks	8.00	
John B. Varick Co., flagpole, bracket, etc. ...	10.00	
		$1,052.42

SUNDRIES.

W. E. Graf, cartage	$4.75	
Elmer D. Goodwin, use of chairs	7.00	
G. J. Lanouette, use of chairs	31.00	
J. O. Turcotte, use of chairs	20.33	
H. A. Piper, putting up casts	2.00	
F. L. Wallace Sons, use of chairs	4.25	
		$69.33
Total expenditures		$1,329.65
Transferred to unappropriated money		170.35
		$1,500.00

Fuel.

Appropriation	$14,000.00

Expenditures.

COAL.

L. B. Bodwell	$10,460.46	
J. H. DeCourcy Coal Co.	1,006.51	
Moore & Preston Coal Co.	136.67	
J. P. Russell	835.50	
		$12,439.14

WOOD.

J. H. DeCourcy Coal Co.	$56.70	
W. E. Dunbar & Sons	52.50	
Maxwell Ice Co.	204.00	
		$313.20

SUNDRIES.

J. Newell Brown, weighing coal	$150.00	
Frank R. Brown, weighing coal	6.25	
New England Telephone & Telegraph Co., service	1.75	
Pike & Heald Co., repairing stove	3.06	
John B. Varick Co., supplies	60.12	
		$221.18
Total expenditures		$12,973.52
Transferred to unappropriated money		1,026.48
		$14,000.00

Contingent Expenses.

Appropriation	$7,000.00	
Transferred from unappropriated money	2,418.94	
		$9,418.94

Expenditures.

ELECTRIC LIGHTS, GAS, WATER.

Manchester Traction, Light & Power Co.:		
Lights and power	$1,437.06	
Lamps	54.72	
People's Gas Light Co., gas	433.20	
Water Commissioners, use of water	1,132.35	
		$3,057.33

TRANSPORTATION OF TEACHERS AND PUPILS.

Walter C. Allard	$36.00	
Henry A. Boone	205.00	
Maude E. Brown	54.00	
J. D. French	105.00	
George W. Flint	45.00	
Henry K. Stein	457.60	
Mrs. Willis Totton	297.00	
D. J. Tufts	700.00	
Daniel Readey	42.00	
Frank E. Willey	636.50	
		$2,578.10

SUNDRIES.

Amoskeag Congregational Society, use of chapel and janitor service	$7.00
Charles W. Bickford, expenses to Cincinnati	87.70
Boston Music Co., music	8.84
Boston Bank Note Co., diplomas	36.25
Blodgett Clock Co., supplies	2.17
Chicago Fire Appliance Co., fire extinguishers	141.12
A. L. Coldwell, use of pavilion and chairs	5.00
Charles G. Dunnington, water and ice	18.00
Farrell Brothers, lamps and mantles	14.20
Carl Fischer, music	.79
A. L. Franks & Co., installing lantern, M. H. S.	65.00
W. E. Graf, cartage	9.41
James W. Hill Co., repairing flag	1.50
E. F. Hodgson Co., 1 portable schoolhouse	1,525.00
Hotel Orrington, room and board, Mr. and Mrs. Townes	5.80
A. A. Jenkins, tuning pianos	24.25
Kenney Bros. & Wolkins, prepaid freight	1.20
John McTiernan, painting blackboards	1.40

Amelia McWeeney, rent of room for school purposes	$432.00	
Albert N. Nettel, water and ice	7.50	
F. P. Newman, use of Dearborn Memorial hall	5.00	
N. E. O. P. Building Association, rent of hall	139.00	
New England Telephone & Telegraph Co., service	236.10	
Palace Theatre Co., use of theatre, high school graduation	150.00	
Valida Peaslee, carrying water	12.00	
Harry A. Piper, labor on flagpoles	6.00	
Fred L. Peaslee, carrying water	11.00	
Putnam & Laflamme, boiler insurance premium	15.50	
James Ried, cartage	4.50	
W. S. Ross, engrossing diplomas	83.99	
Thomas Smith, labor and material	62.93	
John A. Sheehan, boiler insurance premium	82.00	
Standard Electric Time Co.:		
Cleaning and oiling master clock	14.17	
1 four circuit clock, etc.	173.36	
M. Steinert & Sons Co.:		
Tuning pianos	2.50	
Moving pianos	13.00	
Zatae L. Straw, M. D., health certificates	291.90	
Mary E. Thayer, clerical work, superintendent's office	71.25	
John B. Varick Co., hardware	4.50	
John R. Willis, P. M., stamped envelopes	10.68	
		$3,783.51
Total expenditures		$9,418.94

Care of Schoolrooms.

Appropriation	$16,000.00

Expenditures.

JANITORS.

John S. Avery	$549.96
Marshall N. Badger	300.00
Edwin N. Baker	454.13

Octave Bergeron	$549.96	
Joseph H. Buffum	649.92	
Homer M. Davis	168.34	
Alderic Derome	108.34	
Sherman L. Flanders	399.96	
James Fitzgerald	349.92	
Charles S. Follansbee	168.50	
Urbain Gelinas	549.96	
William F. Henderson	549.96	
Charles F. Jack	999.96	
George H. Jack	799.92	
Harvey H. Johnson	549.96	
Mrs. F. T. Kelley	100.00	
George Lawrence	38.00	
Robert W. Lee	80.42	
Hugh McVicar	649.92	
Gabriel Martin	64.50	
G. M. Morse	124.05	
Robert R. Marshall	91.00	
Michael F. Moran	600.00	
William H. Newry	699.96	
Fred W. Newry	27.08	
Louis P. Perron	300.00	
Edward A. Powers	600.00	
Wm. J. Powers	600.00	
Esquire Priestley	600.00	
Philip Rogler	549.96	
Dennis Sullivan	600.00	
Michael J. Talty	379.12	
Joseph Tait	26.25	
William A. Tufts	722.46	
Fred F. Whitten	225.00	
Mrs. F. F. Whitten	37.50	
		$14,264.01

SUNDRIES.

Amoskeag Manufacturing Co., soap	$26.00
The Arco Co., supplies	40.61
John B. Clarke Co., printing order books	19.50
S. P. Dodge Co., blacksmithing	10.60
Joel S. Daniels, floor oil	13.75
Daniels-Cornell Co., soap	11.10
Dustwax Manufacturing Co., dustwax	135.70
Charles G. Dunnington, water and ice	10.00
M. F. Ellis & Co., toilet paper and mops	62.08
Farrell Brothers, lamps and shades	83.48

S. A. Felton & Son Co., brushes and dusters..	$337.25	
W. P. Goodman, one book.....	3.25	
Walter E. Graf, cartage	5.68	
J. Hodge, lumber and labor.....	11.19	
C. A. Hoitt Co., shades.....	178.00	
W. S. Holt & Son, waste and cheese cloth....	42.17	
C. F. Jack, incidental expenses.....	165.70	
Masury-Young Co., oil.....	27.38	
Mitchell Wing Co., sanitary cleaner and cleanser	8.40	
J. J. Moreau & Son, coal hod, chisels, etc.....	5.94	
John Muir, lumber.....	5.20	
New England Telephone & Telegraph Co., use of telephone, C. F. Jack.....	19.25	
F. E. Nelson Co., crockery and glassware...	3.60	
Albert N. Nettel, water and ice.....	6.25	
The Palami Products Co., jelly.....	13.00	
Harry A. Piper, lumber and labor.....	1.65	
Pike & Heald Co., lining sand tables.....	10.00	
Rochester Germicide Co., disinfectant.....	5.00	
Sargent Brush Co., brushes, etc.....	31.50	
Spencer Turbine Cleaner Co., supplies.....	2.58	
John H. Stevens, brush.....	.30	
John B. Varick Co., supplies.....	418.17	
West Disinfecting Co., disinfectants.....	13.95	
		$1,728.23
Total expenditures		$15,992.24
Transferred to unappropriated money.....		7.76
		$16,000.00

Evening Schools.

Appropriation	$2,500.00

Expenditures.

SALARIES.

Arthur Benton	$2.00
Arthur Blaine	39.00
Emmet Borden	32.00
Floyd Cheney	32.00

Gertrude L. Doyle	$20.00	
Ferdinand Farley	92.00	
Harry French	34.00	
Samuel C. Forsaith	32.00	
R. C. Goodwin	32.00	
Clyde Gray	4.00	
Mary Hurley	47.00	
Josephine M. Haley	32.00	
Richard H. Horan	68.00	
Josephine Healy	13.00	
Miss Horan	29.00	
Irene Jennings	32.00	
James Kelly	2.00	
Robert Laing	19.00	
Mary Larkin	20.00	
Margaret G. Linen	79.00	
E. J. Maher	39.00	
Myra Moore	77.00	
Arthur P. Morrill	95.00	
Juliette E. Melancon	77.00	
J. J. Mahoney	158.00	
Adelia Murphy	68.00	
Emma A. Manter	56.00	
T. A. McCabe, Jr.	78.00	
Katherine McDonald	70.00	
William McLaughlin	11.00	
Claire R. McDerby	32.00	
Katherine McDerby	9.00	
Richard V. McAllister	32.00	
T. F. Nolan	44.00	
P. J. Nolan	7.00	
Harry Pillsbury	75.00	
David Parker	7.00	
Helen Sweeney	32.00	
Jessie P. Stevens	3.00	
Mrs. H. P. Silverthorn	31.00	
Bertrand E. Tremblay	31.00	
A. Charles Warner	5.00	
A. J. Tonery	158.00	
Albert E. Waters	5.00	
E. B. Willand	158.00	
Mary D. Young	41.00	
		$2,059.00

SUNDRIES.

Farrell Brothers, supplies, etc.	$9.10	
J. L. Hammett Co., slate pencils	.32	
		$9.42
Total expenditures		$2,068.42
Transferred to unappropriated money		431.58
		$2,500.00

Evening School, Mechanical Drawing.

Appropriation	$200.00

EXPENDITURES.

SALARIES.

C. M. Curl, services as teacher	$88.00	
Thomas Currie, services as teacher	86.00	
		$174.00
Total expenditures		$174.00
Transferred to unappropriated money		26.00
		$200.00

Teachers' Salaries.

Appropriation	$177,700.00

EXPENDITURES.

SALARIES.

January	$17,893.18
February	18,284.43
March	18,182.18
April	13,622.07
May	18,191.76

June	$18,249.62	
September	9,684.94	
October	19,530.80	
November	19,503.46	
December	19,496.14	
		$172,638.58
Total expenditures		$172,638.58
Transferred to unappropriated money		5,061.42
		$177,700.00

Free Text-Books

Appropriation	$12,000.00	
Transferred from unappropriated money	152.28	
		$12,152.28

Expenditures.

FREE TEXT-BOOKS AND SUPPLIES.

Gertrude Adams	$15.00
Allyn & Bacon	248.99
American Book Company	1,956.83
Amoskeag Textile Club	39.86
Atkinson, Mentzer & Co.	68.34
Atlantic Monthly Co.	4.00
D. Appleton & Co.	7.49
E. E. Babb & Co.	2,103.60
The Barton Company	75.54
Bausch & Lomb Optical Co.	27.16
C. C. Birchard & Co.	8.95
Milton Bradley Co.	215.99
Lelia A. Brooks	10.00
E. M. Bryant & Co.	3.00
Cambridge Botanical Supply Co.	61.86
Cheney's News & Book Shop	2.30
City Library	1.10
Clark Brothers	58.87
John B. Clarke Co.	56.45
Clapp-Eastham Co.	26.30
Columbia School Supply Co.	17.00
Francis B. Courtney	48.00

Dow & Woolner	$3.29
Mabelle C. Dow	2.60
Edson C. Eastman	1.83
Carl Fischer	15.74
George D. Fitts	756.26
L. M. Folsom	6.30
Gaylord Brothers	5.32
Ginn & Co.	1,314.30
W. P. Goodman	232.17
Granite State Publishing Co.	6.00
Granite State Rubber Co.	.44
Gregg Publishing Co.	222.85
J. L. Hammett Co.	651.60
D. C. Heath & Co.	246.84
James W. Hill Co.	38.47
Holden Patent Book Cover Co.	1.93
Houghton, Mifflin Co.	172.20
William H. Huse	10.52
Johnson's Bookstore	8.80
Barbara B. Joy	15.00
Kenney Bros. & Wolkins	225.74
W. E. King	15.50
L. E. Knott Apparatus Co.	21.44
D. H. Knowlton & Co.	5.40
Library Bureau	7.15
Little, Brown & Co.	1.27
Longmans, Green & Co.	5.92
Carl S. Magoon	28.50
The MacMillan Co.	198.83
McKinley Publishing Co.,	3.14
Emma L. McLaren	10.00
McQuesten & Lewis	5.40
Charles E. Merrill Co.	683.72
J. J. Moreau & Son	29.75
Millicent S. Morse	5.00
Mary E. Moulton	10.00
National Biscuit Co.	14.79
Neostyle Company	122.57
Novelty Company	3.98
Parnell Brothers	19.30
Pearson's Market	2.64
Remington Typewriter Co.	513.52
E. W. A. Rowles	47.74
T. P. W. Rogers	12.50
Rumford Printing Co.	4.24
B. H. Sanborn & Co.	48.79
Charles Scribner's Sons	87.78

Silver, Burdett & Co.	$400.83	
Star Stamp Co.	.75	
E. G. Soltmann	4.27	
Tracy Music Library	11.11	
Underwood & Underwood	50.25	
Underwood Typewriter Co.	250.00	
D. Van Nostrand Co.	2.32	
John B. Varick Co.	33.20	
Wadsworth, Howland & Co., Inc.	84.88	
Walsh & Cummings	70.39	
H. W. Wilson Co.	13.70	
Alta C. Willand	15.00	
Williams Printing Co.	1.50	
George Winch	10.00	
World Book Co.	123.70	
Annabel D. Wyman	10.00	
		$11,985.60

SUNDRIES.

Walter E. Graf, freight and cartage	$148.97	
A. A. Jenkins, tuning pianos	16.75	
E. F. Tuson, sharpening scissors	.96	
		$166.68
Total expenditures		$12,152.28

Manual Training.

Appropriation	$500.00

EXPENDITURES.

SUNDRIES.

Eugene Dietzgen Co., drawing supplies	$103.06
B. F. Elwell Glue Co., glue	13.16
A. L. Franks & Co., lamps, wire cleats, etc.	4.75
Walter E. Graf, cartage	9.79
J. L. Hammett Co., paper	12.30
Hubbard Sash & Blind Factory, lumber	123.97
The Sherwin-Williams Co., paint	5.20

John B. Varick Co., hardware	$105.75	
J. M. Woods & Co., wood, sundry kinds	112.02	
		$490.00
Total expenditures		$490.00
Transferred to unappropriated money		10.00
		$500.00

Care of School Clocks.

Appropriation	$300.00

EXPENDITURES.

Charles A. Trefethen	$127.50	
Peter J. Thornton	132.00	
		$259.50
Total expenditures		$259.50
Transferred to unappropriated money		40.50
		$300.00

Repair of School Furniture.

Appropriation	$500.00

EXPENDITURES.

SUNDRIES.

Joel S. Daniels, paint and labor	$27.65
Farrell Brothers, lamps and shades	111.42
N. J. Fontaine & Co., reseating chair	1.00
Harry A. Piper, lumber and labor	14.55
James A. Scully, chair seats, shades and rollers, and repairs	186.75
Thomas Smith, repairs	43.25

John B. Varick Co., supplies	$63.34	
West Side Lumber Co., posts, fence rails, caps	38.95	
		$486.91
Total expenditures		$486.91
Transferred to unappropriated money		13.09
		$500.00

Additions to Chandler, Wilson and Maynard Schools

Transferred from unappropriated money		$50,000.00

EXPENDITURES.

John B. Clarke Co., advertising proposals	$52.88	
Adelard Dumont building contract, Wilson school ($19,438) on account	12,044.50	
Hutchins & French, architects, Maynard school, on account	1,012.50	
L'Avenir National, advertising proposals	33.00	
W. T. Towner, architect, Wilson school, on account	1,471.90	
Union-Leader Publishing Co., advertising	141.45	
		$14,756.23
Total expenditures		$14,756.23
Balance to new account		35,243.77
		$50,000.00

School Officials' Salaries.

Appropriation	$7,500.00	
Transferred from unappropriated money	150.00	
		$7,650.00

EXPENDITURES.

Charles W. Bickford, superintendent	$3,000.00
Curtis W. Davis, truant officer	1,500.00
Harry J. Woods, truant officer	1,200.00

Fannie L. Sanborn, clerk for superintendent	$487.50	
Marcia R. Winship, clerk for superintendent	312.50	
Alexander J. Demers, clerk for truant officers	600.00	
Board of School Committee:		
George L. King, president of common council, ex officio	25.00	
Allan M. Wilson, ward 1	25.00	
George M. Watson, ward 2	25.00	
William A. Phinney, ward 3	25.00	
Francis J. Hurley, ward 4	25.00	
George W. Browne, ward 5	25.00	
Edward C. Healy, ward 6	25.00	
Henry A. Caswell, ward 7	25.00	
Lucien J. Martin, ward 8	25.00	
Arthur Martineau, ward 9	25.00	
Charles H. Martel, clerk of board	300.00	
		$7,650.00
Total expenditures		$7,650.00

Paupers Off Farm.

Appropriation	$21,485.00	
Appropriation by resolution, October 15	3,500.00	
		$24,985.00

Expenditures.

LABOR.

Joseph L. Boudreau, salary as overseer of poor	$1,425.00	
Juliette E. Melancon, services as clerk	660.00	
Dora Raiche, substitute clerk	37.00	
		$2,122.00

OFFICE EXPENSES.

Remy Bechard, printing blanks	$4.75
Caron & Lambert, team hire	27.25
John B. Clarke Co., advertising	13.38
J. B. Demers, repairing furniture	10.35
N. J. Fontaine & Co., cleaning rugs	2.50
W. P. Goodman, stationery	15.99
Keystone Press, printing	6.75
Manchester Street Railway, car tickets	122.50

New England Telephone & Telegraph Co., service	$24.53	
Putnam & Laflamme, premium on bond	7.50	
Temple & Farrington Co., stationery, etc.	44.50	
John B. Varick Co., liquid veneer	.80	
John R. Willis, P. M., postage stamps	20.00	
		$300.80

GROCERIES AND PROVISIONS.

Arthur Allison	$30.00
Annis Flour & Grain Co.	150.00
Barbeau Brothers	107.00
Arthur J. Barbeau	108.00
Batchelder & Cushman	2.40
Paul Bellefeuille	252.00
Napoleon Boisvert	140.00
Jean B. Bouchard	296.00
Joseph Bouchard	12.00
Bourgeois & Co.	130.00
Joseph Bureau	595.90
John Carrier	68.00
P. J. Charron	71.00
C. H. Clark & Sons	176.00
Auguste Cote	6.00
Edmond Daigle	15.00
Napoleon Daigle	74.00
Joseph M. Demers	170.00
Dionne & Brule	176.00
E. G. Dubois	1,016.00
O. F. Dubois	514.00
Ducharme Brothers	72.00
Joseph Dumas & Son	374.06
L. F. Dusseault & Co.	521.30
Joseph Duda	4.00
A. J. Gagne	56.00
Gagne & Martel	255.40
Joseph H. Gagnon	52.00
S. E. Gagnon & Co.	32.00
Gaillardet & Rivard	246.00
A. C. Gaudes	20.00
Philippe Gaudette	250.90
J. Oscar Gaudette	120.00
Hyacinthe Gaudreau	13.00
Gaudreau Brothers	38.00
Gauvin Brothers	89.00
Ernest Gelinas	346.00

Louis Gingras	$36.00
Urbain Gerard	116.00
Grenier Brothers	45.00
P. F. Grenier	247.10
James J. Griffin	422.00
E. H. Griffin & Co.	950.50
Gorman Brothers	288.00
H. Gaudreault	6.00
Omer H. Hamel	341.00
John Healy	150.00
A. P. Hermsdorf	260.00
Thomas Irzyk	95.70
F. P. Johnson Co.	158.00
Norbert Lafond	300.00
Lamoureux Brothers	36.00
A. S. LaSalle	367.54
T. J. Lebrecque	168.00
A. D. Lemay & Co.	134.00
Joseph L. Lucier	69.00
Edouard Marchand	24.00
Martel & Valliere	122.47
Oscar McDuffee	222.00
McLaughlin & Day	75.94
Fred H. McPherson	16.00
A. M. Menard	288.98
U. Morin	62.00
E. D. Moore	16.00
C. E. Newcomb	542.00
Charles Normand	164.00
Ubald E. Noury	32.00
Hertel Pariseau	424.00
August Pearson	18.00
M. Peloquin	85.00
Edmond Pinard	387.90
A. D. Prince	128.00
Albert H. Prince	88.00
Guy T. Robinson	122.00
A. L. Robitaille	126.00
S. A. Rouleau	334.00
Almonzar Samson	49.00
C. D. Steele Co.	3.00
C. D. Steele & Co.	91.87
Frank V. Steele	212.00
Moise Verrette	118.00
H. T. Vezina	368.00
E. C. Voisard	899.00
Wiggin-Young Co.	75.50

H. H. Williams	$57.00	
Theade Stuart	12.00	
		$15,952.46

FUEL.

A. T. Beaumier	$36.00	
Baldwin Bobbin Shop	6.25	
Charles Boisclair	31.15	
Edmond Bourque	1.00	
G. A. Campbell & Co.	4.25	
J. H. DeCourcy Coal Co.	20.38	
Joseph Dubois & Son	8.00	
W. E. Dunbar & Sons	4.25	
C. A. & A. W. Flint	55.88	
Arthur Gagne	4.00	
Jean B. Lacasse	62.10	
Charles E. Lessard	58.78	
B. J. Mack	8.75	
Joseph Masse	75.42	
Moore & Preston Coal Co.	98.80	
New England Cash Coal Co.	9.50	
Northern New England Coal Co.	12.88	
Fred G. Peterson Co.	4.38	
D. M. Poore Coal Co.	25.00	
E. W. Poore	8.75	
Raiche & Prince	105.16	
Alfred Richard	9.25	
J. P. Russell	8.25	
Union Coal Co.	6.00	
Henry Weber	6.00	
		$670.18

BOARD AND CARE AND RENT.

Mrs. Fred Beauchemin	$104.00
Auustus Benway	20.00
Mrs. G. Burke	156.00
Napoleon Chaput	50.00
Joseph Dumas	80.00
Elliot Hospital	55.52
Mrs. Mary Foster	80.00
Johanna Flynn	36.00
Catherine Gilmartin	78.00
Myra E. Glidden	56.00
Hillsborough County Farm	968.21
Hospice St. Vincent de Paul	70.00

Mrs. Robert Keefe	$26.00	
Mrs. S. Leclerc	30.00	
Melvin A. Lewis	8.38	
Notre Dame Hospital	308.00	
Notre Dame Orphanage	877.60	
Old Ladies' Home	290.50	
Sacred Heart Hospital	38.00	
St. Joseph's Boys' Home	168.00	
St. Patrick's Orphanage	186.00	
St. Pierre Orphanage	933.60	
Edgar Towne	48.00	
Mrs. Mary H. Walker	88.00	
Mrs. John Wilson	78.00	
Zing & Quirin	32.00	
		$4,865.81

BOOTS AND SHOES.

A. T. Beaumier	$189.10	
E. C. Chagnon & Co.	49.25	
L. H. Chase Co.	10.00	
G. W. Dodge Shoe Co.	21.00	
Elite Quality Shop	1.75	
Lewis E. Farwell	1.00	
Theophile Gelinas	16.50	
S. Gregoire	9.00	
Leblanc & Cote	7.00	
William Marcotte & Co.	4.02	
New Idea Shoe Co.	63.96	
Louis Nightingale	5.00	
C. Pariseau & Co.	20.00	
J. A. Raymond	5.00	
Gustaf Schlougk	10.50	
Slater Shoe Store	24.61	
S. Sullivan & Co.	5.00	
		$442.69

CLOTHING.

Louis A. Dozois Co.	$13.39	
L. M. Folsom	2.50	
William Marcotte & Co.	37.00	
		$52.89

MEDICINE, MEDICAL SERVICES, FUNERAL EXPENSES.

Pierre Bergeron, M. D., professional services	$3.00
Boisclair Bros. & Co., burial outfit	20.00

Boufford, Letendre & Co., funeral outfit.....	$25.00	
Caron & Lambert, funeral outfits	80.00	
Herman Christophe, M. D., professional services	3.00	
C. O. Coburn, M. D., professional services....	6.00	
Charles E. Dufort, medical supplies	3.49	
J. Doucet & Co., medical supplies	25.34	
C. O. Dunnington, medical supplies	3.20	
Eames Drug Co., medicine	2.00	
C. F. Flanders, M. D., professional services..	3.00	
Oscar Giguere, medical supplies	9.55	
Elmer D. Goodwin, funeral outfits	50.00	
John B. Hall Co., medical supplies	47.96	
Kean, Sheehan & Sullivan, burial outfit	25.00	
Charles R. Leckie, medical supplies	12.55	
J. M. McDonough & Co., funeral outfits	35.00	
Miville's Pharmacy, medicine	1.00	
E. R. Monette, medical supplies	43.05	
D. E. Norton, M. D., professional services ...	24.00	
A. J. Precourt, medicine	2.40	
F. J. Pherson, M. D., professional services ...	3.00	
Z. Provencher, medicine	.40	
F. W. Russell, examination for insanity and transportation to Concord	18.00	
B. E. Sanborn, M. D., professional services...	3.00	
Walsh & Cummings, medical supplies	15.14	
A. F. Wheat, M. D., professional services	12.00	
		$476.08

TRANSPORTATION.

Lumina Beaudette	$2.34	
Boufford, Letendre & Co.	15.00	
C. S. Currier	2.34	
Caron & Lambert	8.00	
James Sweeney	10.10	
Chester A. Young	5.10	
		$42.88
Total expenditures		$24,925.79
Transferred to unappropriated money		59.21
		$24,985.00

Indigent Soldiers.

Appropriation		$400.00

EXPENDITURES.

GROCERIES.

Moise Verrette		$96.00

FUEL.

J. H. DeCourcy Coal Co.	$8.76	
Manchester Coal & Ice Co.	12.75	
D. M. Poore Coal Co.	8.75	
J. F. Wyman	2.00	
		$32.26

BOARD AND CARE AND RENT.

Joseph Katze	$132.00	
Thomas Mitcheson	120.00	
		$252.00

CLOTHING, ETC.

G. W. Dodge Shoe Co.	$5.25	
William Marcotte & Co.	2.97	
M. A. McDonough	2.00	
J. A. Raymond	2.00	
		$12.22

SUNDRIES.

Walsh & Cummings		$0.50
Total expenditures		$392.98
Transferred to unappropriated money		7.02
		$400.00

Purchase of Land Sold for Taxes.

Appropriation	$3,000.00	
Transferred from unappropriated money	609.62	
		$3,609.62

EXPENDITURES.

Victor W. Roy	$3,609.62
Total expenditures	$3,609.62

Board of Examiners of Plumbers.

Appropriation	$50.00

EXPENDITURES.

John B. Clarke Co., printing report	$5.20	
Keystone Press, printing	2.65	
Manchester Hardware Co., paste	.10	
Pike & Heald Co., supplies	33.78	
E. A. Stratton Co., printing	2.50	
Temple & Farrington Co., binding records	1.25	
		$45.48
Total expenditures		$45.48
Transferred to unappropriated money		4.52
		$50.00

Band Concerts.

Appropriation	$350.00

EXPENDITURES.

City Band	$50.00	
First Infantry Band	50.00	
T. Kosciuszko Band	50.00	
Manchester Cadet Band	50.00	
Provost's Band	50.00	
Turner Band	50.00	
		$300.00
Total expenditures		$300.00
Transferred to unappropriated money		50.00
		$350.00

Militia.

Appropriation		$1,000.00

EXPENDITURES.

Company A, First Regiment, N. H. N. G.	$100.00	
Company B, First Regiment, N. H. N. G.	100.00	
Company F, First Regiment, N. H. N. G.	100.00	
Company K, First Regiment, N. H. N. G.	100.00	
Battery, N. H. N. G.	100.00	
Band, First Regiment, N. H. N. G.	50.00	
Headquarters, First Regiment, N. H. N. G.	50.00	
Joseph Freschl Post, G. A. R.	100.00	
Louis Bell Post, G. A. R.	100.00	
Manchester War Veterans	100.00	
Spanish War Veterans	100.00	
		$1,000.00
Total expenditures		$1,000.00

Decoration of Soldiers' Graves.

Appropriation		$500.00

EXPENDITURES.

Joseph Freschl Post, No. 94, G. A. R.	$100.00	
Louis Bell Post, No. 3, G. A. R.	391.25	
		$491.25
Total expenditures		$491.25
Transferred to unappropriated money		8.75
		$500.00

State Tax.

Appropriation		$145,656.00

EXPENDITURES.

State of New Hampshire	$145,656.00

County Tax.

Appropriation	$103,262.12

EXPENDITURES.

County of Hillsborough	$103,262.12

Preserving Old Records.

Balance from last year unexpended	$200.00

EXPENDITURES.

Emery Record Preserving Co., binding old records	$179.00
Total expenditures	$179.00
Transferred to unappropriated money	21.00
	$200.00

Animal Rescue League.

Appropriation	$300.00

EXPENDITURES.

Animal Rescue League, amount appropriated	$300.00

Annie Squire Helping Hand Society.

Appropriation	$200.00

EXPENDITURES.

Annie Squire Helping Hand Society, amount appropriated	$200.00

District Nursing Association.

Appropriation	$300.00

EXPENDITURES.

District Nursing Association, amount appropriated	$300.00

Elliot Hospital.

Appropriation	$300.00

EXPENDITURES.

Elliot Hospital, amount appropriated	$300.00

Girls' Club.

Appropriation	$200.00

EXPENDITURES.

Girls' Club, amount appropriated	$200.00

Hospice St. Vincent de Paul.

Appropriation	$300.00

EXPENDITURES.

Hospice St. Vincent de Paul, amount appropriated	$300.00

Infant Asylum, Our Lady of Perpetual Help.

Appropriation	$300.00

EXPENDITURES.

Infant Asylum, Our Lady of Perpetual Help, amount appropriated	$300.00

Infant Aid Association.

Appropriation	$300.00

EXPENDITURES.

Infant Aid Association, amount appropriated	$300.00

Manchester Boys' Club.

Appropriation	$300.00

EXPENDITURES.

Manchester Boys' Club, amount appropriated	$300.00

N. H. Children's Aid and Protective Society.

Appropriation	$200.00

EXPENDITURES.

N. H. Children's Aid & Protective Society, amount appropriated	$200.00

Notre Dame de Lourdes Hospital.

Appropriation	$300.00

EXPENDITURES.

Notre Dame de Lourdes Hospital, amount appropriated..	$300.00

Notre Dame de Lourdes Girls' Orphanage.

Appropriation	$300.00

EXPENDITURES.

Notre Dame de Lourdes Girls' Orphanage, amount appropriated	$300.00

Orphelinat St. Pierre.

Appropriation	$300.00

EXPENDITURES.

Orphelinat St. Pierre, amount appropriated	$300.00

Sacred Heart Hospital.

Appropriation	$300.00

EXPENDITURES.

Sacred Heart Hospital, amount appropriated	$300.00

Salvation Army.

Appropriation	$200.00

EXPENDITURES.

Salvation Army, amount appropriated	$200.00

Settlement Association.

Appropriation	$300.00

EXPENDITURES.

Settlement Association, amount appropriated	$300.00

St. John's Home.

Appropriation	$300.00

EXPENDITURES.

St. John's Home, amount appropriated	$300.00

St. Joseph's Boys' Orphanage.

Appropriation	$300.00

EXPENDITURES.

St. Joseph's Boys' Orphanage, amount appropriated	$300.00

St. Patrick's Girls' Orphanage.

Appropriation	$300.00

EXPENDITURES.

St. Patrick's Girls' Orphanage, amount appropriated	$300.00

W. C. T. U. Mercy Home.

Appropriation	$300.00

EXPENDITURES.

W. C. T. U. Mercy Home, amount appropriated	$300.00

Women's Aid Home.

Appropriation	$300.00

EXPENDITURES.

Women's Aid Home, amount appropriated	$300.00

West Side Reading Room.

Appropriation	$200.00

EXPENDITURES.

West Side Reading Room, amount appropriated	$200.00

Young Men's Christian Association.

Appropriation	$300.00

EXPENDITURES.

Young Men's Christian Association, amount appropriated	$300.00

Resolution Raising Money and Making Appropriations for the Year One Thousand Nine Hundred and Fifteen.

City of Manchester.

In the year One Thousand Nine Hundred and Fifteen.

Resolved, By the Board of Common Council of the City of Manchester, as follows:

That the sum of one million, one hundred forty-one thousand and sixty-eight dollars ($1,141,068.00) be raised for the use of said city for the year one thousand nine hundred and fifteen (1915), by tax on the estates liable to be taxed thereon in said city, which sum, together with such unappropriated money as may now be in the city treasury, or may hereafter come into it, by tax on polls or any other source, shall be appropriated as follows, to wit:

CENTRAL DEPARTMENT.

Interest	$62,000.00	
Sinking fund	17,885.00	
City hall	4,500.00	
Printing and stationery	3,500.00	
Incidental expenses	7,500.00	
Land sold for taxes	3,000.00	
Mayor's incidentals	300.00	
City officers' salaries	35,000.00	
Payment of funded debt	47,000.00	
Payment of temporary notes	8,250.00	
		$188,935.00

DEPARTMENT OF TAXES.

State tax	$145,656.00	
County tax	103,262.12	
		$248,918.12

AUDITOR'S DEPARTMENT.

Salaries and expenses	$3,300.00

ASSESSORS' DEPARTMENT.

Salaries and expenses	$12,000.00

ENGINEER'S DEPARTMENT.

Salaries and expenses	$11,500.00

BUILDING DEPARTMENT.

Salaries and expenses	$6,000.00	
Repairs on public buildings	19,000.00	
		$25,000.00

STREET AND SEWER DEPARTMENT.

Board of public works, salaries and expenses	$9,600.00
Snow and ice and cleaning streets	16,000.00
Repairs of highways	47,000.00
Watering streets	4,500.00
Paving streets	12,000.00
Macadamizing and new highways	15,000.00
Grading for concrete	6,000.00

Scavenger service	$40,000.00	
Bridges	5,000.00	
City teams	18,000.00	
Repairs of sewers	7,000.00	
New sewers	28,000.00	
Brown-tail and gypsy moth	3,000.00	
Street sweeping	10,000.00	
Machine sweeping	2,500.00	
Cutting and trimming trees	1,500.00	
Elm leaf beetle	3,000.00	
Head & Dowst purchase	7,718.75	
Oiling streets	12,000.00	
		$247,818.75

SCHOOL DEPARTMENT.

Books and stationery	$50.00	
Care of rooms	16,000.00	
Contingent expenses	7,000.00	
Evening schools (common)	2,500.00	
Evening schools (drawing)	200.00	
Free text-books	12,000.00	
Fuel	14,000.00	
Furniture and supplies	1,500.00	
Manual training	500.00	
Printing and advertising	300.00	
Care of school clocks	300.00	
Teachers' salaries	177,700.00	
Repair of school furniture	500.00	
School officials' salaries	7,500.00	
		$240,050.00

FIRE DEPARTMENT AND HYDRANT SERVICE.

Fire department, salaries and maintenance	$137,398.00	
Fire-alarm telegraph	12,000.00	
Hydrant service	24,250.00	
		$173,648.00

PUBLIC BUILDINGS AND PLACES.

Pine Grove cemetery	$20,000.00
Subway comfort, care and maintenance	3,700.00
Valley cemetery	5,500.00
Amoskeag cemetery	250.00
Merrill yard	100.00
Care of commons	5,500.00

Stark park	$1,000.00	
Derryfield park	1,000.00	
Lafayette park	1,000.00	
Miscellaneous playgrounds and caretakers	2,500.00	
Rock Rimmon park	2,000.00	
Care of city clocks	160.00	
Prout park	500.00	
East Side park	50.00	
West Side park	1,000.00	
Women's & children's ward, site and building	5,000.00	
		$49,260.00

HEALTH DEPARTMENT.

Office expenses	$8,500.00	
Isolation hospital	8,000.00	
Smallpox hospital	600.00	
Medical inspection of schools and nurses' salaries	2,000.00	
		$19,100.00

POLICE DEPARTMENT.

Police station	$3,000.00	
Police commission	93,200.00	
		$96,200.00

CITY LIBRARY.

Salaries and expenses	$16,000.00	
Purchase of books	1,000.00	
		$17,000.00

PATRIOTIC, CHARITABLE AND PHILANTHROPIC.

Women's Aid Home	$300.00
Elliot hospital	300.00
Sacred Heart hospital	300.00
Notre Dame hospital	300.00
Mercy Home	300.00
Infant asylum	300.00
Decoration of soldiers' graves, Joseph Freschl Post, G. A. R.	100.00
Decoration of soldiers' graves, Louis Bell Post, G. A. R.	400.00
Company A, First Regiment, N. H. N. G.	100.00
Company B, First Regiment, N. H. N. G.	100.00

Company F, First Regiment, N. H. N. G.	$100.00	
Company K, First Regiment, N. H. N. G.	100.00	
Battery, N. H. N. G.	100.00	
Headquarters and band, First Regiment	100.00	
Joseph Freschl Post, G. A. R.	100.00	
Louis Bell Post, G. A. R.	100.00	
Manchester War Veterans	100.00	
Spanish War Veterans	100.00	
Band concerts	350.00	
Boys' club	300.00	
Orphelinat St. Pierre	300.00	
West Side reading room	200.00	
St. Joseph's boys' orphanage	300.00	
Animal Rescue League	300.00	
Hospice St. Vincent de Paul	300.00	
Board of examiners of plumbers	50.00	
St. John's Home	300.00	
St. Patrick's girls' orphanage	300.00	
Young Men's Christian association	300.00	
District Nursing association	300.00	
Settlement association	300.00	
Notre Dame de Lourdes girls 'orphanage	300.00	
Infant Aid association	300.00	
Girls' club	200.00	
Salvation Army	200.00	
Annie Squire Helping Hand society	200.00	
N. H. Children's Aid & Protective society	200.00	
		$8,300.00

OVERSEER OF THE POOR.

Paupers off farm	$19,000.00	
Indigent soldiers	400.00	
Salaries and expenses	2,485.00	
		$21,885.00

LIGHTING STREETS.

Lighting streets	$63,000.00

Resolution Relating to the Final Transfers for the Year 1915.

City of Manchester.

In the year One Thousand Nine Hundred Sixteen.

Resolved, By the Board of Aldermen of the city of Manchester, as follows:

That the city clerk be and hereby is authorized to make the following transfers:

To account of unappropriated money:

From city hall	$157.80	
printing and stationery	621.68	
city officers' salaries	6,069.97	
building department	841.73	
preserving old records	21.00	
lighting streets	709.41	
engineer's department	2.38	
health department	2,528.50	
fire department	2,252.39	
fire-alarm telegraph	1,089.76	
repairs of public buildings	66.77	
women's and children's ward, site and building	2.97	
care of city clocks	36.25	
Pine Grove cemetery	3.90	
Valley cemetery	8.76	
books and stationery	23.81	
fuel	1,026.48	
furniture and supplies	170.35	
care of rooms	7.76	
teachers' salaries	5,061.42	
care of school clocks	40.50	
repair of school furniture	13.09	
manual training	10.00	
evening schools	431.58	
evening school, mechanical drawing	26.00	
paupers off farm	59.21	
indigent soldiers	7.02	
board of examiners of plumbers	4.52	
band concerts	50.00	
decoration of soldiers' graves	8.75	
new sewers	37,208.27	
commons	458.99	
Derryfield park	42.89	
Prout park	477.29	
oiling streets	6,735.66	
West Side park	328.40	
free cash in treasury	38,029.82	
		$104,635.08

From account of unappropriated money:

To interest	$326.47	
incidental expenses	5,273.37	
land taken for highways	1,501.63	
new fire-alarm and building	634.23	

To police station	$2,488.07	
police commission	525.07	
police court	2,612.49	
subway comfort	112.12	
printing and advertising	384.48	
contingent expenses	2,418.94	
school officials' salaries	150.00	
free text-books	152.28	
land sold for taxes	609.62	
brown-tail and gypsy moth	5,739.74	
cutting and trimming trees	1,230.51	
repairs of sewers	4,286.78	
city teams	4,786.43	
street sweeping	3,169.83	
scavenger service	9,067.94	
grading for concrete	1,946.11	
snow and ice and cleaning streets	9,553.24	
board of public works	5,041.68	
paving streets	28,301.43	
macadamizing new highways	16,853.52	
		$107,165.98

TABULAR STATEMENT OF TAXATION BY BOARD OF ASSESSORS.

Resident and Nonresident.	Polls.		Real estate, value.	Stock in trade.	Money on hand, at interest or on deposit, value.	Horses, asses and mules over 18 months old.		Automobiles and Carriages, value.	Cows, oxen and other neat stock over 18 months old.	
	No.	Value.				No.	Value.		No.	Value.
1894.....	12,103	$1,210,300	$16,956,070.00	$2,421,964.00	$519,500.00	2,608	$200,376.00	$57,526.00	452	$9,618.00
1895.....	12,244	1,224,400	17,688,224.00	2,435,546.00	149,592.00	2,639	196,264.00	59,128.00	431	9,710.00
1896.....	12,583	1,258,300	18,358,266.00	2,421,862.00	147,148.00	2,644	184,790.00	57,440.00	410	9,308.00
1897.....	12,921	1,292,100	18,763,182.00	2,772,460.00	113,288.00	2,617	174,746.00	57,810.00	507	10,920.00
1898.....	12,808	1,280,800	19,175,434.00	2,782,386.00	167,160.00	2,640	171,242.00	56,668.00	551	12,400.00
1899.....	13,137	1,313,700	19,301,762.00	3,939,419.00	176,388.00	2,648	169,977.00	58,129.00	619	14,570.00
1900.....	13,759	1,375,900	19,569,249.00	3,509,072.00	1,293,585.00	2,755	174,593.00	88,500.00	704	16,690.00
1901.....	13,976	1,397,600	19,922,261.00	3,888,517.00	394,436.00	2,669	174,242.00	99,976.00	551	14,076.00
1902.....	14,079	1,407,900	19,983,327.00	3,536,583.00	1,173,222.00	2,621	180,157.00	120,369.00	519	13,414.00
1903.....	14,384	1,438,400	20,137,200.00	3,303,445.00	1,210,597.00	2,577	179,065.00	129,404.00	554	16,039.00
1904.....	14,451	1,445,100	20,465,749.00	3,400,749.00	1,258,931.00	2,483	177,580.00	126,762.00	586	15,564.00
1905.....	14,650	1,465,000	20,966,778.00	3,858,690.00	1,125,553.00	2,384	196,597.00	150,365.00	696	20,989.00
1906.....	15,481	1,548,100	22,133,160.00	4,800,392.00	195,024.00	2,288	189,238.00	159,026.00	698	19,736.00
1907.....	15,800	1,580,000	23,401,086.00	4,940,178.00	162,330.00	2,406	207,395.00	170,351.00	695	19,978.00
1908.....	16,266	1,626,600	24,034,758.00	4,714,079.00	374,506.00	2,262	201,191.00	187,240.00	721	20,310.00
1909.....	16,093	1,609,300	24,347,963.00	4,968,343.00	119,972.00	2,220	200,821.00	221,902.00	681	19,503.00
1910.....	17,261	1,726,100	25,247,605.00	5,345,478.00	260,692.00	2,545	210,434.00	281,507.00	627	18,515.00
1911.....	20,092	2,009,200	25,910,972.00	5,384,344.00	279,554.00	2,171	210,622.00	310,037.00	631	20,031.00
1912.....	18,942	1 894,200	41,754,957.00	7,789,814.00	555,830.00	2,305	319,590.00	422,059.00	735	27,242.00
1913.....	19,374	1,937,400	43,592,143.00	7,905,599.00	365,906.00	2,211	337,582.00	502,153.00	659	26,467.00
1914.....	20,246	.....	45,357,069.00	7,923,250.00	297,571.00	2,182	335,030.00	569,058.00	639	27,825.00
1915.....	21,153	.....	47,974,084.00	8,026,479.00	633,844.00	2,119	324,260.00	636,980.00	598	26,937.00

TABULAR STATEMENT OF TAXATION BY BOARD OF ASSESSORS.

Hogs.		Sheep over six months old.		Boats.	Fowls.	Stock in banks and other corporations. value.	Stock in public funds and bonds. value.	Factories and their machinery. value.	Total value.	Rate of tax per hundred.	Tax levied.
No.	Value.	No.	Value.	Value.	Value.						
73	$820.00	40	$80.00	.....	$316.00	$230,000.00	$22,100.00	$6,763,050.00	$28,391,710.00	$1.78	$505,372.44
52	524.00	29	62.00	.....	174.00	263,166.00	1,400.00	6,774,950.00	28,861,122.00	1.74	502,183.02
26	260.00	43	90.00	.....	.....	249,104.00	2,000.00	6,755,100.00	29,443,668.00	1.86	547,651.50
45	470.00	33	56.00	.....	.....	233,264.00	.....	7,068,650.00	30,486,946.00	2.08	634,127.80
69	490.00	43	64.00	.....	610.00	250,934.00	.....	7,090,300.00	30,988,488.00	1.95	604,280.57
45	418.00	11	24.00	.....	756.00	222,460.00	.....	6,294,181.00	31,491,784.00	1.95	614,096.93
35	354.00	7	14.00	.....	904.00	213,344.00	.....	6,464,589.00	32,706,794.00	1.90	621,428.47
12	92.00	6	18.00	.....	1,200.00	223,780.00	.....	6,924,919.00	33,041,112.00	1.98	654,214.00
...	.....	8	24.00	.....	1,400.00	227,982.00	.....	6,399,956.00	33,044,334.00	2.25	743,497.53
7	100.00	..	.....	.....	832.00	210,272.00	.....	6,194,496.00	32,819,850.00	2.10	689,217.79
2	20.00	..	220.00	.....	410.00	185,950.00	.....	6,102,524.00	33,179,294.00	1.95	647,003.29
27	190.00	5	16.00	.....	1,337.00	287,220.00	.....	6,103,731.00	34,176,466.00	2.08	710,870.13
18	224.00	..	.....	.....	1,314.00	239,002.00	.....	6,128,294.00	35,413,510.00	1.91	676,402.89
23	272.00	..	.....	.....	871.00	233,746.00	4,700.00	6,247,487.00	36,968,394.00	1.85	683,915.28
22	274.00	..	.....	.....	810.00	250,818.00	2,200.00	6,333,222.00	37,746,708.00	1.86	702,088.28
18	195.00	..	....	$700.00	902.00	228,348.00	34,900.00	6,350,795.00	38,102,944.00	2.05	781,118.54
54	770.00	..	.....	.....	972.00	256,153.00	57,730.00	6,475,896.00	39,881,852.00	2.01	801,628.21
71	1,058.00	..	.....	.....	1,612.00	232,832.00	592,708.00	6,498,876.00	41,451,846.00	2.04	845,616.91
168	1,493.00	14	54.00	.....	2,848.00	154,595.00	501,362.00	13,588,433.00	67,012,487.00	1.50	1,005,191.73
169	1,806.00	4	20.00	.....	1,598.00	148,355.00	817,553.00	13,571,718.00	69,208,300.00	1.52	1,051,966.07
219	3,666.00	3	15.00	.....	1,690.00	178,684.00	535,748.00	13,568,468.00	68,798,074.00	1.57	1,080,135.11
200	2,790.00	11	35.00	.....	3,020.00	142,522.00	369,053.00	13,735,124.00	71,875,128.00	1.58	1,135,628.77

Assessor's Oath.

We, the assessors of the city of Manchester, do solemnly swear that in making the invoice for the purpose of assessing the foregoing taxes we appraise all taxable property at its full value, and as we would appraise the same in payment of a just debt due from a solvent debtor. *So help us God.*

Valuation and Taxes.

The amount of taxes assessed on the polls and on the real and personal estate, within the city of Manchester, N. H., for the year 1915 was as follows:

	Valuation.	Rate.	Tax.
Real estate	$61,709,208	$1.58	$975,005.49
Personal property	10,165,920	1.58	160,621.53
	$71,875,128		$1,135,627.02
Fractional loss			1.75
			$1,135,628.77
Poll tax			42,306.00
School tax			502.25
Brown-tail moth tax			1,951.17
Property exempt from city tax only			11,143.97
Total tax levied			$1,191,532.16

The share distributed to Manchester of the amount of tax assessed, as per returns made by the corporations to state treasurer:

On railroads	48,689.54
On savings banks	100,069.57
On insurance companies	4,901.62
On literary fund	4,687.80
On Building and Loan Associations	38.09
Grand tax total	$1,349,918.78

For further information in relation to taxes collected by the state, see state treasurer's report.

TAX VALUATIONS, ETC., FROM 1890 TO 1915 INCLUSIVE.

Year.	Valuation.	Taxes.	No. Polls.	Tax Rate.
1890	$24,207,740	$462,809.17	9,723	$1.91
1891	24,872,492	443,541.76	10,367	1.78
1892	25,932,044	506,465.17	10,673	1.95
1893	27,439,742	507,640.68	11,835	1.85
1894	29,391,710	505,372.44	12,103	1.78
1895	28,861,122	502,183.02	12,244	1.74
1896	29,443,668	547,651.50	12,583	1.86
1897	30,486,946	634,127.80	12,921	2.08
1898	30,988,488	604,280.57	12,808	1.95
1899	31,491,784	614,096.93	13,137	1.95
1900	32,706,794	621,428.47	13,759	1.90
1901	33,041,112	654,214.00	13,976	1.98
1902	33,034,334	743,497.53	14,079	2.25
1903	32,819,850	689,217.79	14,384	2.10
1904	33,179,294	647,003.29	14,451	1.95
1905	34,176,466	710,870.13	14,650	2.08
1906	35,413,510	676,402.89	15,481	1.91
1907	36,968,394	683,915.28	15,800	1.85
1908	37,746,708	702,088.28	16,266	1.86
1909	38,102,944	781,118.54	16,093	2.05
1910	39,881,852	801,628.21	17,261	2.01
1911	41,451,846	845,616.91	20,092	2.04
1912	67,012,487	1,005,191.73	18,942	1.50
1913	69,208,300	1,051,966.07	19,374	1.52
1914	68,798,074	1,080,135.11	20,246	1.57
1915	71,875,128	1,135,628.77	21,153	1.58

TABLE OF TAXES DUE AND UNCOLLECTED.

Year.	Due June 1, 1914.	Discounts and abatements.	Collected	Due June 1, 1915.
Taxes of 1885	$1,205.71	.....	.....	$1,205.71
" of 1886	1,264.85	.....	.....	1,264.85
" of 1887	1,163.94	.....	.....	1,163.94
" of 1888	1,580.13	.....	.....	1,580.13
" of 1889	1,395.13	.....	.....	1,395.13
" of 1890	1,687.08	.....	.....	1,687.08
" of 1891	1,966.63	.....	.....	1,966.63
" of 1892	2,582.12	.....	.....	2,582.12
" of 1893	4,095.13	.....	.....	4,095.13
" of 1894	3,514.05	.....	.....	3,514.05
" of 1895	5,004.92	.....	.....	5,004.92
" of 1896	4,992.00	.....	.....	4,992.00
" of 1897	5,296.91	.....	.....	5,296.91
" of 1898	5,629.21	.....	.....	5,629.21
" of 1899	5,675.09	.....	.....	5,675.09
" of 1900	5,150.11	.....	.....	5,150.11
" of 1901	6,068.01	.....	.....	6,068.01
" of 1902	6,501.97	.....	.....	6,501.97
" of 1903	7,154.47	.....	.....	7,154.47
" of 1904	6,636.38	.....	.....	6,636.38
" of 1905	8,203.01	.....	.....	8,203.01
" of 1906	8,457.99	.....	.....	8,457.99
" of 1907	7,528.56	.....	.....	7,528.56
" of 1908	7,879.18	.....	$1.86	7,877.32
" of 1909	6,995.93	.....	.....	6,995.93
" of 1910	8,150.69	.....	2.01	8,148.68
" of 1911	10,098.46	.....	10.20	10,088.26
" of 1912	6,835.81	.....	43.65	6,792.16
" of 1913	6,108.64	76.10	717.94	5,314.70

Statement of Account of Victor W. Roy, Tax Collector for the City of Manchester, June 1, 1915.

	Amount Outstanding.	Collected.	Abated.	Balance Outstanding.
Tax list, 1905	$8,203.01			$8,203.01
1906	8,457.99			8,457.99
1907	7,528.56			7,528.56
1908	7,879.18	$1.86		7,877.32
1909	6,995.93			6,995.93
1910	8,150.69	2.01		8,148.68
1911	10,098.46	10.20		10,088.26
1912	6,835.81	43.65		6,792.16
1913	6,108.64	717.94	$76.00	5,314.70
Amount collected		$775.66		

Old taxes collected	$775.66	
Costs on old taxes collected	78.60	
Interest on old taxes collected	63.91	
	$918.17	
Credit by cash paid treasurer	$918.17	
Interest collected on taxes of 1914 warrant..	$2,309.83	
Costs collected on taxes of 1914 warrant....	2,254.95	
	$4,564.78	
Credit by cash paid treasurer	$4,564.78	

1914. DR.

June 1. To warrant resident list.....	$1,085,495.33	
warrant non-resident list	1,355.78	
voluntary list	1,493.36	
warrant school tax	422.48	
moth tax	2,886.88	
state and county tax on exempted property	10,047.73	
single polls	33,776.00	
		$1,135,477.56

1914, 1915. CR.

By cash paid treasurer	$1,121,104.40	
By abatements on assessors' warrant, 1914 and 1915	5,122.86	
By unpaid taxes	9,250.30	
		$1,135,477.56

MANCHESTER, N. H., July 20, 1915.

I hereby certify that I have examined the account of Victor W. Roy, tax collector of said Manchester, and find the same correct, as above stated.

JAMES E. DODGE,
City Auditor.

Schedule of Property Used for Religious, Charitable and Educational Purposes, and Exempt from Taxation by Law, not including that Owned by the City of Manchester.

PROPERTY OWNED BY CATHOLIC PARISHES, CHURCHES, SCHOOLS AND PARSONAGES.

St. Augustine's parish church; Spruce street, corner of Beech street:		
Building	$80,000.00	
26,000 square feet of land	7,800.00	
		$87,800.00
St. Augustine's Catholic school; Spruce street, corner of Beech street:		
Building	$8,000.00	
15,000 square feet of land	4,500.00	
		$12,500.00
St. Augustine's Orphanage; 251 Lake avenue:		
Building	$15,000.00	
10,000 square feet of land	3,000.00	
		$18,000.00
St. Augustine's Convent; Cedar street, corner Beech:		
Building	$35,000.00	
10,000 square feet of land	2,000.00	
		$37,000.00
St. Augustine's Convent Sisters Jesus and Mary; Spruce street:		
Building	$8,000.00	
13,000 square feet of land	3,220.00	
		$11,220.00
St. Augustine's parsonage; 205 Spruce street:		
Building	$7,375.00	
7,500 square feet of land	2,625.00	
		$10,000.00
St. Marie's parish church; Notre Dame, corner Wayne street:		
Building	$148,750.00	
72,500 square feet of land	36,250.00	
		$185,000.00
St. Marie's school; Cartier street:		
Building	$46,000.00	
20,000 square feet of land	4,000.00	
		$50,000.00

St. Marie's Convent of Holy Angels; Notre Dame avenue and Wayne street:		
Building	$22,000.00	
22,500 square feet of land	11,250.00	
		$33,250.00
St. Marie's parsonage; 378 Notre Dame:		
Building	$27,000.00	
10,000 square feet of land	5,000.00	
		$32,000.00
St. Marie's Parish, Brothers' House, 279 Cartier street:		
Building	3,850.00	
5,000 square feet of land	$1,150.00	
		$5,000.00
St. George's parish church; Pine street, corner of Orange street:		
Building	$75,000.00	
18,690 square feet of land	7,164.00	
		$82,164.00
St. George's school; Pine street, corner of Orange street:		
Building	$40,000.00	
10,000 square feet of land	4,000.00	
		$44,000.00
St. George's, St. Isidor Convent; Orange street:		
Building	$40,000.00	
10,000 square feet of land	4,000.00	
		$44,000.00
St. George's parsonage; 517 Pine street:		
Building	$4,635.00	
5,930 square feet of land	2,865.00	
		$7,500.00
St. Joseph's parish church, Lowell street, corner Pine street:		
Building	$120,000.00	
46,050 square feet of land	46,050.00	
		$166,050.00
St. Joseph's Girls' school; Pine street:		
Building, on church lot	$14,000.00	
		$14,000.00
St. Joseph's Holy Rosary school; 30 Cedar street:		
Building	$9,000.00	
2,500 square feet of land	1,875.00	
		$10,875.00

St. Joseph's library; Union street:		
Building	$5,000.00	
4,900 square feet of land	2,450.00	
		$7,450.00
St. Joseph's high school; Lowell street, corner Birch street:		
Building	$13,000.00	
8,000 square feet of land	12,000.00	
		$25,000.00
St. Joseph's Orphanage; Hanover street:		
Buildings	$47,000.00	
40,500 square feet of land	40,500.00	
		$87,500.00
Infants' Home, Concord street:		
Land and buildings	$40,000.00	
		$40,000.00
St. Joseph's school; 121 Cedar street:		
Building	$10,000.00	
5,000 square feet of land	1,500.00	
		$11,500.00
Sacred Heart Hospital; Amherst street:		
Building	$20,000.00	
40,500 square feet of land	30,375.00	
		$50,375.00
Sacred Heart Hospital, Nurses' Home; 192 Amherst street:		
Building	$3,000.00	
15,000 square feet of land	5,250.00	
		$8,250.00
St. Joseph's parsonage; 145-147 Lowell street:		
Buildings	$18,975.00	
18,050 square feet of land	9,025.00	
		$28,000.00
St. Joseph's Brothers' House, 462 Pine street:		
Buildings	$1,212.00	
16,775 square feet of land	8,388.00	
		$9,600.00
Sacred Heart parish church; South Main street:		
Building and lot	$30,000.00	
		$30,000.00
Sacred Heart parish church; Pinard street:		
Building	$8,000.00	
43,905 square feet of land	1,200.00	
		$9,200.00

Sacred Heart parish parsonage; 247 South Main street:		
Building	$4,537.00	
19,815 square feet of land	3,963.00	
		$8,500.00
Our Lady of Perpetual Help, church and parsonage; Hayward street:		
Building	$19,308.00	
56,915 square feet of land	5,692.00	
		$25,000.00
Monastery of the Precious Blood; 555 Union street:		
Building	$21,125.00	
7,750 square feet of land	3,875.00	
		$25,000.00
St. Patrick's Parish church and school; Coolidge avenue:		
Building	$68,000.00	
56,281 square feet of land	22,550.00	
		$90,550.00
St. Patrick's parish parsonage; 138 Coolidge avenue:		
Building on church lot	$5,000.00	
		$5,000.00
St. Francis parish church; South Elm street:		
Building	$3,360.00	
18,972 square feet of land	4,740.00	
		$8,100.00
St. Francis parish parsonage; Derry road:		
Building	$1,300.00	
Land	2,500.00	
		$3,800.00
St. Anne's parish church; Merrimack, corner Union street:		
Building	$50,000.00	
20,520 square feet of land	6,000.00	
		$56,000.00
St. Anne's parish school; Cedar and Union streets:		
Building	$35,000.00	
15,000 square feet of land	3,000.00	
		$38,000.00
St. Anne's McDonald school; Laurel and Union streets:		
Building	$40,000.00	
15,300 square feet of land	3,240.00	
		$43,240.00

St. Anne's parsonage; 231 Merrimack street:		
Building	$2,960.00	
10,080 square feet of land	5,040.00	
		$8,000.00
St. Anne's Brothers' House, 242 Cedar street:		
Building	$1,750.00	
5,000 square feet of land	1,750.00	
		$3,500.00
St. Antoine de Padoue parish church; Belmont street:		
Building	$10,000.00	
55,700 square feet of land	8,350.00	
		$18,350.00
St. Antoine de Padoue parsonage; 172 Belmont street:		
Building	$1,430.00	
50,586 square feet of land	6,070.00	
		$7,500.00
St. Antoine de Padoue school; Hall street:		
Building	$8,714.00	
10,717 square feet of land	1,286.00	
		$10,000.00
St. Antoine de Padoue school; Hall and Silver streets:		
Building	$4,440.00	
5,606 square feet of land	560.00	
		$5,000.00
Order of St. Benedict, St. Raphael's church; Third street:		
Building	$35,000.00	
59,239 square feet of land	14,800.00	
		$49,800.00
Order of St. Benedict parsonage; Ferry street:		
Building	$6,500.00	
4,025 square feet of land	1,000.00	
		$7,500.00
Order of St. Benedict school; Ferry and Fourth streets:		
Building	$1,556.00	
13,775 square feet of land	3,444.00	
		$5,000.00
St. Hedwidge parish church; Merrimack and Pine streets:		
Building	$30,000.00	
9,000 square feet of land	3,600.00	
		$33,600.00

St. Hedwidge parish school; Merrimack and Union streets:		
Building	$43,000.00	
8,820 square feet of land	3,525.00	
		$46,525.00
St. Hedwidge's parish parsonage; Pine street:		
Building on church lot	$5,000.00	
		$5,000.00
St. Hedwidge's Sisters' House, 166-168 Merrimack street:		
Building	$3,350.00	
6,300 square feet of land	3,150.00	
		$6,500.00
Ruthenian Catholic church and parsonage; Lowell and Walnut streets:		
Buildings	$12,300.00	
9,400 square feet of land	4,700.00	
		$17,000.00
L'Hospital Notre Dame; Notre Dame avenue:		
Building	$54,625.00	
60,500 square feet of land	45,375.00	
		$100,000.00
Orphanage school; Notre Dame avenue:		
Building	$17,500.00	
30,000 square feet of land	22,500.00	
		$40,000.00
Notre Dame, l'Orphelinat St. Pierre; 55 Alsace street:		
Building	$42,500.00	
95,977 square feet of land	12,500.00	
		$55,000.00
Hospital Notre Dame; Kelley street:		
Land, 94,660 square feet	$11,360.00	
		$11,360.00
Sisters of Mercy Convent; 435 Union street:		
Building	$30,000.00	
12,600 square feet of land	3,760.00	
		$33,760.00
Sisters of Mercy, Mount St. Mary's Academy; Laurel street:		
Building	$25,000.00	
31,500 square feet of land	9,450.00	
		$34,450.00
Sisters of Mercy; 151 Ray street:		
Building	$4,425.00	
26,250 square feet of land	2,835.00	
		$7,260.00

Sisters of Mercy, 1004 Union street:		
Building	$2,392.00	
10,721 square feet of land	1,608.00	
		$4,000.00
Sisters of Mercy, House of St. Martha; 131 Laurel street:		
Building	$1,500.00	
4,500 square feet of land	1,125.00	
		$2,625.00
Sisters of Mercy, St. Martha's Home; Laurel and Union streets:		
Building	$4,250.00	
4,500 square feet of land	1,350.00	
		$5,600.00
Evangelism Greek Church, Pine street:		
Building	$15,000.00	
5,000 square feet of land	3,750.00	
		$18,750.00
Greek church, Pine street, below Valley street:		
Building	$10,000.00	
10,000 square feet of land	1,800.00	
		$11,800.00
CATHOLIC CEMETERIES.		
St. Augustine's; South Beech street	$4,760.00	
Mount Calvary; Goffstown road	5,000.00	
St. Joseph's; Donald street	10,000.00	
		$19,760.00
		$2,028,064.00
PROTESTANT CHURCHES.		
First Baptist church; Union street, corner Concord:		
Building	$28,000.00	
18,500 square feet of land	9,250.00	
		$37,250.00
First Freewill Baptist church; Merrimack street, corner Chestnut:		
Building	$3,100.00	
12,600 square feet of land	18,900.00	
		$22,000.00
People's Baptist church; Chestnut street, corner Concord:		
Building	$8,000.00	
4,000 square feet of land	8,000.00	
		$16,000.00

First Congregational Church; Hanover street, corner Union:		
Building	$35,000.00	
42,560 square feet of land	34,048.00	
		$69,048.00
Second Congregational church; Market street, corner Franklin:		
Building	$32,000.00	
10,000 square feet of land	25,000.00	
		$57,000.00
Third Congregational church; South Main street, corner Milford, West Manchester:		
Building	$8,000.00	
20,465 square feet of land	4,093.00	
		$12,093.00
First M. E. church; Valley street, corner Jewett:		
Building	$8,000.00	
11,400 square feet of land	1,368.00	
		$9,368.00
St. Paul's M. E. church and parsonage; Union street, corner Amherst:		
Building	$27,500.00	
13,500 square feet of land	6,750.00	
		$34,250.00
Trinity M. E. church; School street:		
Building	$3,500.00	
8,604 square feet of land	2,580.00	
		$6,080.00
St. James M. E. church; Pennacook street, corner Pine:		
Building	$10,000.00	
17,160 square feet of land	3,430.00	
		$13,430.00
Grace church, Episcopal; Lowell street, corner Pine:		
Building	$42,075.00	
15,850 square feet of land	7,925.00	
		$50,000.00
First Unitarian church; Concord street, corner Beech:		
Building	$25,000.00	
13,500 square feet of land	5,400.00	
		$30,400.00
Christian church; Hall street, corner Merrimack:		
Building	$9,000.00	
9,975 square feet of land	1,195.00	
		$10,195.00

First Presbyterian church, German; Second street, corner Bath, West Manchester:		
Building	$3,000.00	
10,000 square feet of land	2,500.00	
		$5,500.00
Swedish Lutheran church; Sagamore, corner Pine:		
Building	$8,000.00	
11,000 square feet of land	2,200.00	
		$10,200.00
Swedish Evangelical Mission; Pine street, corner Orange:		
Building	$6,500.00	
5,600 square feet of land	2,240.00	
		$8,740.00
Swedish Baptist church; Arlington street, near Maple:		
Building	$5,000.00	
4,822 square feet of land	964.00	
		$5,964.00
Second Advent church; Amherst street, between Pine and Union:		
Building	$5,500.00	
4,500 square feet of land	1,575.00	
		$7,075.00
City Mission chapel; Merrimack street, corner Beech:		
Building	$7,000.00	
12,000 square feet of land	3,780.00	
		$10,780.00
Westminster Presbyterian church; Brook street, corner Hazel:		
Building	$15,000.00	
10,000 square feet of land	2,500.00	
		$17,500.00
South Manchester Union chapel; Elm street, south:		
Building	$2,500.00	
10,747 square feet of land	1,500.00	
		$4,000.00
First Church of Christ, Scientist; Harrison street, corner Albert:		
Building	$14,500.00	
17,000 square feet of land	8,500.00	
		$23,000.00

St. Andrew's Protestant Episcopal church and parsonage, North Main street, corner Conant, West Manchester:		
Building	$16,000.00	
19,412 square feet of land	4,850.00	
		$20,850.00
Congregation Adath Yashuran church; Central, near Maple:		
Building	$18,950.00	
7,000 square feet of land	1,050.00	
		$20,000.00
First German church; Conant street:		
Building	$5,000.00	
9,650 square feet of land	2,400.00	
		$7,400.00
Pentecostal church; Manchester street:		
Building	$2,030.00	
3,246 square feet of land	970.00	
		$3,000.00
Residence pastor First Congregational church; 590 Beech street, near Bridge:		
Building	$3,000.00	
10,000 square feet of land	4,000.00	
		$7,000.00
Residence rector Grace Episcopal church; corner of Harrison and Union streets:		
Building	$1,800.00	
19,000 square feet of land	5,700.00	
		$7,500.00
German School society; Third, Bath, and Ferry streets:		
Building	$5,000.00	
10,190 square feet of land	2,500.00	
		$7,500.00
Swedish Evangelical Lutheran church; Beech avenue:		
Building	$2,000.00	
5,500 square feet of land	275.00	
		$2,275.00
German church; Conant and Green streets:		
Building	$3,500.00	
5,000 square feet of land	750.00	
		$4,250.00
First Universalist church, Myrtle street:		
Building	$16,250.00	
11,000 square feet of land	5,750.00	
		$22,000.00

Elliot Hospital, East Manchester:		
Buildings	$75,000.00	
1,177,112 square feet of land	58,856.00	
		$133,856.00
Women's Aid Home; Pearl street, corner Beech:		
Building	$15,620.00	
57,530 square feet of land	14,380.00	
		$30,000.00
Manchester Children's Home; Webster street:		
Building	$36,250.00	
55,000 square feet of land	13,750.00	
		$50,000.00
Residence pastor Swedish Lutheran church; Sagamore street, corner Pine:		
Building	$2,950.00	
10,200 square feet of land	2,550.00	
		$5,500.00
Residence pastor South Main Union church; 114 Carroll street:		
Building	$2,500.00	
5,000 square feet of land	500.00	
		$3,000.00
Gale Home; Ash street:		
Building	$40,000.00	
57,530 square feet of land	11,500.00	
		$51,500.00
Masonic Home, Beech street:		
Building	$25,810.00	
56,762 square feet of land	14,190.00	
		$40,000.00
Mercy Home, Mammoth road:		
Building	$2,500.00	
11.4 acres of land	4,500.00	
		$7,000.00
New Hampshire Settlement Association; 7-11 Walnut street:		
Building	$7,800.00	
8,000 square feet of land	3,200.00	
		$11,000.00
		$893,504.00

STATE PROPERTY.

State armory:		
Building	$30,000.00	
24,000 square feet of land	24,000.00	
		$54,000.00

State Industrial School:		
Buildings	$75,000.00	
151.2 acres	103,700.00	
		$178,700.00
		$232,700.00

COUNTY PROPERTY.

Hillsborough county court house:		
Building	$20,000.00	
19,200 square feet of land	57,000.00	
		$77,000.00
Hillsborough county jail:		
Building	$75,000.00	
147,000 square feet of land	29,400.00	
		$104,400.00
		$181,400.00

UNITED STATES PROPERTY.

United States postoffice:		
Building	$150,000.00	
30,322 square feet of land	37,900.00	
		$187,900.00

CEMETERIES.

Young road:		
23,809 square feet of land	$475.00	
Mammoth road:		
43,560 square feet of land	870.00	
Bowman street:		
79,777 square feet of land	7,977.00	
Brown avenue:		
12,025 square feet of land	200.00	
Jewish; South Beech street:		
1.3 acres land	560.00	
		$10,082.00

EXEMPT FROM TAXATION.

Catholic churches, schools, hospitals, institutions and parochial residences	$2,028,064.00
Protestant churches, schools, hospitals, institutions and parochial residences	893,504.00
United States, state, and county property	602,000.00
Total	$3,523,568.00

STATEMENT IN RELATION TO THE BONDED DEBT OF THE CITY OF MANCHESTER, N. H.

Date of issue.	Description.	No.	Denomination.	Amount.	Total.	Date when the principal is payable.	Rate %	Interest. When payable.	Interest. Where payable.
Nov. 1, 1913	Water bonds	100	$1,000	$100,000	$100,000	$20,000 Nov. 1, 1917 and $20,000 annually thereafter.	4	Semi-annual	Second Nat. Bk., Boston, Mass.
Jan. 1, 1897	Water bonds	100	1,000	100,000	100,000	January 1, 1917	4	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1915 Refunded	Water bonds	100	1,000	100,000	100,000	$20,000 annually from July 1, 1922	4	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1911 Refunded	Bridge bonds	40	1,000	40,000	40,000	$5,000 annually from July 1, 1916, to 1923, inclusive.	4	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1913	Bridge bonds	90	1,000	90,000	90,000	$5,000 July 1, 1916 and $5,000 annually thereafter.	4	Semi-annual	Second Nat. Bk., Boston, Mass.
April 1, 1905	City bonds	50	1,000	50,000	50,000	April 1, 1925	3½	Semi-annual	Second Nat. Bk., Boston, Mass.
April 1, 1907	City bonds	50	1,000	50,000	50,000	April 1, 1927	4	Semi-annual	Second Nat. Bk., Boston, Mass.
April 1, 1909	City bonds	50	1,000	50,000	50,000	April 1, 1929	3½	Semi-annual	Second Nat. Bk., Boston, Mass.
April 1, 1896	Improvem't b'ds	100	1,000	100,000	100,000	April 1, 1916	4	Semi-annual	Second Nat. Bk., Boston, Mass.
April 1, 1910	Improvem't b'ds	100	1,000	100,000	100,000	April 1, 1930	3½	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1912	Improvem't b'ds	85	1,000	85,000	85,000	$5,000 annually from July 1, 1916, to July 1, 1933, inclusive.	3½	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1896	School bonds	40	1,000	40,000	40,000	July 1, 1916	4	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1911	School bonds	83	1,000	83,000	83,000	$5,000 July 1, 1916 and $5,000 annually to 1930 inclusive, and $8,000 July 1, 1931.	3½	Semi-annual	Second Nat. Bk., Boston, Mass.

STATEMENT IN RELATION TO THE BONDED DEBT OF THE CITY OF MANCHESTER, N. H.—*Concluded.*

Date of issue.	Description.	No.	Denomination.	Amount.	Total.	Date when the principal is payable.	Rate %	Interest. When payable.	Interest. Where payable.
April 1, 1899	City bonds	100	$1,000	$100,000	$100,000	April 1, 1919	3½	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1902	Municipal bonds	80	1,000	80,000	80,000	July 1, 1922	3½	Semi-annual	Second Nat. Bk., Boston, Mass.
Oct. 1, 1910	Cemetery bonds	21	1,000	21,000	21,000	October 1, 1930	3½	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1913	Cemetery bonds	16	1,000	16,000	16,000	$2,000 July 1, 1916, and $2,000 annually to July 1, 1923, inc.	4	Semi-annual	Second Nat. Bk., Boston, Mass.
Oct. 1, 1913	Cemetery bonds	...	.....	6,700	6,700	October 1, 1933	4	Semi-annual	Second Nat. Bk., Boston, Mass.
Sept. 1, 1912	Fire-alarm b'ds	90	1,000	90,000	90,000	$5,000 Sept. 1, 1916, and $5,000 annually to Sept. 1, 1932, inclusive, and $10,000 Sept. 1, 1933.	3½	Semi-annual	Second Nat. Bk., Boston, Mass.
Oct. 1, 1913	Street & Sewer bonds	90	1,000	90,000	90,000	$5,000 to October 1, 1916, and $5,000 annually to October 1, 1933, inclusive.	4	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1914	Macadamizing & Sewer bonds	95	1,000	95,000	95,000	$5,000 July 1, 1916, and $5,000 annually to July 1, 1934.	4	Semi-annual	Second Nat. Bk., Boston, Mass.
Mar. 1, 1915	Destructor plant	150	1,000	150,000	150,000	$5,000 March 1, 1916-1925, and $10,000 March 1, 1926-1935.	4	Semi-annual	Second Nat. Bk., Boston, Mass.
June 1, 1915	Hospital	75	1,000	75,000	75,000	$5,000 July 1, 1916-1913.	4	Semi-annual	Second Nat. Bk., Boston, Mass.
July 1, 1915	Bridge & Sewer	75	1,000	75,000	75,000	$5,000 August 1, 1916-1930	4	Semi-annual	Second Nat. Bk., Boston, Mass.
					1,786,700				

REMARKS. The city guarantees the perpetual care of lots in the cemeteries of the city to parties who pay $100 and upward. There are $30,000 in cemetery bonds, so called, not negotiable, in the hands of the city treasurer, which are not included in the $1,786,700.

Total amount of bonded debt, including cemetery bonds	$1,816,700.00
Net indebtedness for water purposes	300,000.00
Net debt after deducting water debt	$1,516,700.00
As shown in the assessors' books for the year 1915:	
The assessed value of personal property	$10,165,920.00
The assessed value of real estate	61,709,208.00
Total value for taxation	$71,875,128.00
Tax rate, 1.58 percent on a hundred.	
Percent of net indebtedness (excluding debt for water purposes) to assessed valuation	211
Percent of net indebtedness (including debt for water purposes) to assessed valuation	2,527
Population, census of 1910	70,063

No issue of bonds has ever been contested.

The interest on the debt has always been promptly paid at maturity.

None of the bonds are stated specifically as being payable in gold.

None of the bonds can be called for redemption.

A sinking fund was established in 1893.

Total amount of sinking fund December 31, 1915, $403,847.89.

The power of the city to borrow money in relation to the water-works is limited to the sum of $600,000 by section 6, chapter 70, New Hampshire Laws of 1871, entitled "An act to enable the city of Manchester to establish water-works;" except as further extended an amount of $300,000 by laws of 1891, chapter 26; and $200,000 by laws of 1895, chapter 172.

SUMMARY OF CITY DEBT.

Amount of bonded debt January 1, 1915		$1,713,700.00
Amount of notes January 1, 1915		8,250.00
Bonds issued during year		300,000.00
Accrued interest on bonded debt, December 31, 1915		21,965.70
		$2,043,915.70
Amount of bonded debt paid in 1915	$197,000.00	
Amount of notes paid in 1915	8,250.00	
		$205,250.00
Total indebtedness, December 31, 1915		$1,838,665.70

AVAILABLE ASSETS.

Net cash on hand December 31, 1915	$208,287.02
Taxes uncollected, list of 1915	93,188.97
Stock of Suncook Valley Railroad, estimated value	20,000.00
Sinking fund December 31, 1915	403,847.89
	$725,323.88

Valuation of Real Estate Owned by the City.

SCHOOLS.

High school, Beech street, corner Lowell:		
Building	$200,000.00	
59,400 square feet of land	29,700.00	
		$229,700.00
Franklin-street school, Franklin street, corner Pleasant:		
Building	$16,000.00	
19,200 square feet of land	19,200.00	
		$35,200.00
Spring-street school, Spring street:		
Building	$13,000.00	
11,551 square feet of land	11,551.00	
		$24,551.00
Lincoln-street school, Lincoln street, corner Merrimack:		
Building	$50,000.00	
40,000 square feet of land	10,000.00	
		$60,000.00
Ash-street school, Ash street, corner of Bridge:		
Building	$55,000.00	
57,537 square feet of land	28,765.00	
		$83,765.00
Main-street school, North Main street, West Manchester:		
Building	$15,000.00	
$40,293.4 square feet of land	16,000.00	
		$31,000.00
Webster-street school, Webster street:		
Building	$45,000.00	
55,714 3/4 square feet of land	16,710.00	
		$61,710.00

Lowell-street school, Lowell street, corner Chestnut:		
Building	$5,000.00	
9,650 square feet of land	9,650.00	
		$14,650.00
Maynard school, Merrimack street, corner Union:		
Building	$31,000.00	
22,000 square feet of land	9,000.00	
		$40,000.00
Parker school, South Main street, West Manchester:		
Building	$25,000.00	
19,402 square feet of land	3,880.00	
		$28,880.00
Bakersville school, Elm street, south:		
Building	$18,000.00	
23,937 square feet of land	4,780.00	
		$22,780.00
Stark District school, River road, north:		
Building	$1,500.00	
43,560 square feet of land	500.00	
		$2,000.00
Amoskeag school, Front street, Amoskeag:		
Building	$9,000.00	
6,000 square feet of land	900.00	
		$9,900.00
Rimmon school, corner Amory and Dubuque streets:		
Building	$27,000.00	
16,600 square feet of land	3,320.00	
		$30,320.00
Goffs Falls school, Goffe's Falls:		
Building	$14,000.00	
47,916 square feet of land	500.00	
		$14,500.00
Harvey District school, Nutt road:		
Building	$2,000.00	
21,780 square feet of land	100.00	
		$2,100.00
Webster Mills school, Webster Mills:		
Building	$400.00	
5,445 square feet of land	100.00	
		$500.00
Youngsville school, Youngsville:		
Building	$14,000.00	
41,915 square feet of land	500.00	
		$14,500.00

Mosquito Pond school, Mosquito Pond:		
Building	$400.00	
10,890 square feet of land	100.00	
		$500.00
Pearl-street school:		
Building	$20,000.00	
21,331 square feet of land	4,260.00	
		$24,260.00
Varney school, Bowman street, corner Mast, West Manchester:		
Building	$43,750.00	
57,218 square feet of land	8,560.00	
		$52,310.00
Hallsville school, Jewett street, corner Hayward, East Manchester:		
Building	$47,800.00	
44,000 square feet of land	4,400.00	
		$52,200.00
Straw school, Chestnut street, corner Harrison:		
Building	$30,000.00	
32,400 square feet of land	16,200.00	
		$46,200.00
Wilson school, Wilson, Cedar and Auburn streets:		
Building	$40,000.00	
41,600 square feet of land	6,240.00	
		$46,240.00
South Manchester school, Titus avenue:		
Building	$12,000.00	
48,400 square feet of land	2,400.00	
		$14,400.00
Chandler school, Concord street, corner Ashland:		
Building	$40,000.00	
22,682 square feet of land	5,540.00	
		$45,540.00
Brown school, corner Amory, Alsace, and Joliette streets:		
Building	$30,000.00	
39,250 square feet of land	7,300.00	
		$37,300.00
Total		$1,025,006.00

ENGINE HOUSES.

Engine house and stable, Central Station, Vine street:		
Building	$31,800.00	
12,635 square feet of land	25,250.00	
		$57,050.00
North Main-street engine house, North Main street, West Manchester:		
Building	$20,000.00	
17,950 square feet of land	7,180.00	
		$27,180.00
Webster-street engine house, Webster street, corner Chestnut:		
Building	$25,000.00	
8,510 square feet of land	2,650.00	
		$27,650.00
Merrimack engine house, Lake Avenue:		
Building	$20,000.00	
10,000 square feet of land	3,000.00	
		$23,000.00
Hosehouse and cottage, Maple street, corner East High:		
Building	$3,000.00	
10,370 square feet of land	3,100.00	
		$6,100.00
Engine house, Rimmon and Amory streets, West Manchester:		
Building	$25,000.00	
6,000 square feet of land	1,200.00	
		$26,200.00
South Manchester hosehouse:		
Building	$4,000.00	
4,425 square feet of land	880.00	
		$4,880.00
Engine house, Concord street, corner Weston:		
Building	$7,000.00	
15,000 square feet of land	1,500.00	
		$8,500.00
Hose house and wardroom, Somerville street:		
Building	$18,000.00	
10,527.75 square feet of land	1,580.00	
		$19,580.00
Hose house, Brown avenue, Goffe's Falls:		
Building	$884.00	
2,337 square feet of land	116.00	
		$1,000.00

Engine house, South Main and McDuffie streets:		
Building	$20,000.00	
7,993 square feet of land	800.00	
		$20,800.00
		$221,940.00

OTHER PUBLIC BUILDINGS AND LOTS.

City Library, Dean avenue, corner Franklin street:		
Building	$35,000.00	
15,000 square feet of land	30,000.00	
		$65,000.00
Carpenter Memorial library, Pine street:		
Building	$277,730.00	
48,180 square feet of land	72,270.00	
		$350,000.00
City hall, Elm street, corner Market:		
Building	$40,000.00	
10,000 square feet of land	150,000.00	
		$190,000.00
City Farm, Mammoth road:		
Building	$5,000.00	
21.75 acres, west Mammoth road	47,350.00	
91.82 acres, east Mammoth road	76,975.00	
		$129,325.00
Court House, Franklin street, corner West Merrimack:		
Building	$20,000.00	
19,000 square feet of land	38,000.00	
		$58,000.00
Battery building, Manchester street:		
Building	$15,000.00	
3,400 square feet of land	2,040.00	
		$17,040.00
Police station, Manchester street, corner Chestnut:		
Building	$44,300.00	
10,408 square feet of land	10,400.00	
		$54,700.00
City stable and other buildings, Franklin street:		
Building	$24,100.00	
61,936 square feet of land	92,900.00	
		$117,000.00

City yard, Lincoln, Hayward, Maple, and Valley streets:		
Buildings	$2,000.00	
231,000 square feet of land	25,410.00	
		$27,410.00
Police station, Clinton street, West Manchester:		
Building	$4,000.00	
3,600 square feet of land	720.00	
		$4,720.00
Ward 5 wardroom, Lake avenue:		
Building	$4,500.00	
3,000 square feet of land	450.00	
		$4,950.00
City stable, district No. 10	$1,200.00	
		$1,200.00
City scales, Franklin street:		
Building	$300.00	
		$300.00
Ward 2 wardroom, Blodget street:		
Building	$2,500.00	
9,000 square feet of land	4,500.00	
		$7,000.00
Hose house, Mammoth road:		
Building	$1,000.00	
28,580 square feet of land	2,850.00	
		$3,850.00
Two lots land, South Main, next to Parker school:		
11,829 square feet of land	$1,500.00	
		$1,500.00
		$1,031,995.00

Personal Property Owned by the City.

Property in care city engineer	$1,350.00
chief engineer fire department	202,412.62
board of public works (estimated)	32,336.67
superintendent of schools	55,441.25
city messenger	3,000.00
of chief of police and janitor	7,250.00
trustees city library	30,000.00
superintendent of Pine Grove Cemetery	2,246.87
superintendent of Valley Cemetery	437.80

Stock in Suncook Valley Railroad, in care of city treasurer	$20,000.00
Personal property in care city weigher	1,000.00
	$355,475.21
Uncollected taxes in 1915	93,188.97
Net cash in treasury December 31, 1915	208,287.02
	$301,475.99

Other Real and Personal Property Owned by the City.

Soldiers' monument	$25,000.00
Amoskeag bridge over Merrimack river	25,000.00
Fountains and water-troughs on streets and commons	3,600.00
City tomb	10,000.00
McGregor bridge	100,000.00
Granite bridge	150,000.00
South Main-street bridge, over Piscataquog river	30,000.00
Second-street bridge, over Piscataquog river	55,000.00
Kelly-street bridge, over Piscataquog river	103,500.00
Granite-street bridge, over B. & M. R. R.	6,000.00
Print-works bridge, on Granite, over lower canal	15,000.00
Two bridges in highway, district No. 9	2,000.00
One bridge at Goffe's Falls	3,500.00
Expended on construction of sewers	1,345,845.00
Gravel lot, Bridge street extension	500.00
Gravel lot, Goffstown, 2 acres	400.00
Fountains and water-troughs	3,600.00
	$1,878,945.00

PARKS AND CEMETERIES.

Valley Cemetery, 19.7 acres	$230,000.00
Pine Grove Cemetery, Ursula chapel	16,000.00
Pine Grove Cemetery, about 262.65 acres	431,500.00
Amoskeag Cemetery, 1.23 acres	5,000.00
Stark park, 30 acres	60,000.00
Derryfield park, 76 acres	114,000.00
Concord common, 183,000 square feet of land	183,000.00
Tremont common, 98,065 square feet of land	49,000.00
Hanover common, 132,000 square feet of land	99,000.00
Park common, 157,800 square feet of land	78,900.00
Merrimack common, 256,500 square feet of land	769,500.00
Wagner's park, 429,250 square feet of land	6,430.00
Lafayette park, 90,500 square feet of land	45,200.00
Prout park, 233,601 square feet of land	22,300.00

East Side park, 19,363 square feet of land	$5,000.00
Simpson park, 24,570 square feet of land	12,275.00
Parker common, 114,000 square feet of land	11,400.00
	$2,138,505.00

Real estate and personal property of water-works, at cost price	$2,429,333.19

Land owned by the city, being deeded to the city on sale for taxes:

Lots 288, 289, 290 Glenwood avenue, 14,793 sq. ft. land	$220.00
Lots 279, 280, Glenwood avenue, 10,002 sq. ft. land	200.00
Lots 31, 32, Hoyt plan, Hall street, 5,010 sq. ft. land	300.00
Lots 13, 14, Blk. 17, Waltham street, 10,000 sq. ft. land	20.00
Lot 116, Harriman street, 4,550 sq. ft. land	16.00
Lots 123, 124, Donahoe street, 10,000 sq. ft. land	6.00
Lot 23, "Glenwood," Boynton street, 6,171 sq. ft. land	20.00
Lot 65, Cody plan, Cody street, 5,000 sq. ft. land	100.00
Lot 79, Myrtle avenue, 5,000 sq. ft. land	38.00
Lot 22, Centennial street, 5,000 sq. ft. land	20.00
Lot 73 Centennial street, 5,000 sq. ft. land	20.00
Lot 63, Isabella street, 5,000 sq. ft. land	20.00
Lots 26, 27, 28, Bowditch street, 9,760 sq. ft. land	30.00
Lots 159, 160, 161, Woodlawn avenue, 11,900 sq. ft. land	30.00
Lot 142, 143, Brewster street, 8,000 sq. ft. land	20.00
Lot 8, Boylston street, 4,000 sq. ft. land	10.00
Lot 79, Brunswick street, 4,000 sq. ft. land	10.00
Lot 29 Bowditch street, 3,300 sq. ft. land	10.00
Lot, Nutt road	80.00
Lot, Cilley road, 5,000 sq. ft. land	80.00
Lot, Hapgood land, Amoskeag	10.00
Lot rear of Beacon Bldg., Elm street, 239 sq. ft. land	220.00
Lot, So. Main street, 11,829 sq. ft. land	1,500.00
	$3,028.00

RECAPITULATION.

Real estate owned by the city, schoolhouses	$1,025,006.00
Real estate owned by city	1,031,995.00
Real estate owned by city, engine-houses	221,940.00

Water-works at cost price	$2,429,333.19
Personal property owned by the city	355,475.21
Uncollected taxes and cash	301,475.99
Other real and personal property	1,878,945.00
Parks and cemeteries	2,138,505.00
Real estate purchased for taxes	3,028.00
	$9,385,703.39

PROPERTY ACCOUNT.

Inventory of assets, December 31, 1915	$9,385,703.39
Inventory of assets, December 31, 1914	9,085,888.42
Gain in valuation	$299,814.97

Auditor's Office.

City Hall building. Open from 9 to 12 A. M., 1.30 to 5 P. M.

In every bill presented to the city auditor for his approval, the following points will be considered and passed upon:

1. Is the subject matter of the bill under examination within the scope of the powers conferred by the legislature on the city government?

2. Is the bill certified by the party legally authorized to make the contract, or cause the expenditure to be made?

3. Has any appropriation been made to meet the expenditure, and is there a balance unexpended sufficient to pay this bill?

4. Are the number of articles in the bill, or the measurements, either of dimensions, quantities or weights, correctly and fully stated, and is the proof of the delivery to the city of the whole amount charged sufficient?

5. Is the price charged a fair market price, or is it so largely in excess as to require the attention of the city councils to be called to the same?

6. Is the bill written in a fair, legible hand, correctly cast, and on paper of sufficient length and width to admit of its proper backing and filing?

7. If the bill is in part payment of a contract, the date and the total amount of the contract, the amount already paid, the amount of the work not yet completed, and the percent retained, if any, should be stated in the bill.

8. Any other inquiries in matters of law and fact which affect the question of indebtedness before the auditor.

9. Approval, rejection or suspension for further information or correction as the circumstances of each case may require.

REPORT OF ENGINEER'S DEPARTMENT.

Report of Engineer's Department.

MANCHESTER, N. H., December 31, 1915.

To the Honorable Mayor and City Councils:

GENTLEMEN—The thirty-seventh annual report of the engineer's department is herewith submitted, showing the expenditures and operations for the year ending December 31, 1915.

ORGANIZATION.

SAMUEL J. LORD, *Engineer.*
GEORGE W. WALES, *First Assistant.*
HARRIE M. YOUNG, *Chief Clerk.*

Assistants: Alfred T. Dodge, instrument man; Henry A. Worthen, instrument man; Harold M. Haskell, draughtsman (to October 4th, transferred to Elm street bridge); Edson W. Keith, instrument man; Charles E. Hammond, rodman (to February 20th); Frank D. Carr, rodman; Maurice R. Shepard, stenographer; Edward R. Wagner, rodman (from June 21st to September 8th); Henry F. Bailey, rodman (from July 16th); David Readey, chauffeur (from June 7th to 12th); Allen D. Lewis, rodman (from June 29th to July 13th); Robert S. Kennedy, rodman (from August 11th to September 15th); Harold L. Davis, rodman (from August 11th to September 15th); P. Bouffard, chauffeur (from October 25th to October 30th); David S. Keith, rodman (from September 15th); J. J. McAllister, Jr., stenographer (from July 16th to September 4th and November 4th to December 31); Harold A. Crosby, chauffeur (from July 21st to July 29th); J. Kurtz, rodman (from August 17th to September 23rd).

FINANCIAL.

Appropriation to the Engineer's Department for the year 1915	$11,500.00	
Balance unexpended from 1914	1,463.01	
		$12,963.01
Expenses of the Engineer's Department for the year 1915	$12,960.63	
Balance unexpended	2.38	
		$12,963.01

ORDERS.

Board of mayor and aldermen (meetings)	4
Board of examiners of plumbers (meetings)	11
Committee on streets (meetings)	9
Committee on sewers and drains (meetings)	3
Petitions for new highways	37
Petitions for highway grade	52
Petitions for new sewers	20
Table No. 31 (highway bounds)	18
Table No. 32 (levels for profile)	51
Table No. 32 (plans and profiles)	56
Table No. 33 (miscellaneous orders, field)	135
Table No. 33 (miscellaneous orders, office)	17
Table No. 34 (street signs, orders)	7
Table No. 35 (school house signs, orders)	2
Table No. 36 (auto signs, orders)	10
Table No. 37 (railroad signs, orders)	89
Table No. 38 (street numbers, orders)	352
Table No. 39 (cemetery orders, field)	5
Table No. 40 (Board of Public Works, orders)	394
	1,272

FIELD WORK.

Levels for profile for establishing grades (length in feet)	142,570
Levels for sewer profiles (length in feet)	9,856
Levels in Pine Grove cemetery (length in feet)	1,500
Levels in Valley cemetery (length in feet)	2,150
Other levels (length in feet)	9,740
Total length of levels in feet	165,816
Cross section levels (square feet)	183,450
Surveys of streets and street lines (length in feet)	31,722
Surveys in Pine Grove cemetery (length in feet)	1,200
Surveys for street numbers (length in feet)	2,519
Surveys, miscellaneous (length in feet)	20,122
Total length of surveys in feet	55,563
Street lines marked on ground (length in feet)	6,890
Lot and avenue lines, Pine Grove cemetery (length in feet)	2,500
Lines for gutters (length in feet)	4,270
Lines for curbs (length in feet)	43,722
Lines for sewers (length in feet)	15,389
Lines for building streets (length in feet)	67,515
Other lines (length in feet)	2,604
Total length of lines marked on ground	142,890

Grades set for sidewalks (length in feet)	21,049
Grade set for gutters (length in feet)	4,270
Grade set for curbs (length in feet)	43,722
Grade set for sewers (length in feet)	15,389
Grades set for building streets (length in feet)	67,515
Grade set for paving (length in feet)	6,550
Grades set in Pine Grove cemetery (length in feet)	1,285
Grades set in Stark Park (length in feet)	4,750
Grades set for other purposes (length in feet)	4,718
Total length in feet of grades set	169,248
Number of new lots staked out in Pine Grove cemetery	169
Highway bounds set	9
Highway bounds reset	8
	17

BATTERS SET.

Candia road, four (4) culverts.
Chestnut street bank wall.

SEWER PLANS AND PROFILE.

Bremer, Montgomery to Alsace.
Coolidge avenue west back, south of Mason to Hevey.
Concord, Belmont to Beacon.
D, Mast road to west of Dickey avenue.
Erie, South Main, westerly.
Green, Elm to Willow.
Harvard, Belmont to Taylor.
Hevey east back, south of Mason to Coolidge avenue west back.
High, East, Weston to Highland.
Holly avenue, Taylor to Cypress.
Kidder, Canal to Elm.
Main, South, Allen to south of Erie.
Maple, Amherst to Concord.
Mason, Coolidge avenue to Youville.
McNeil, West Hancock to Dartmouth.
Merrill, west of Woodman to east of Woodman.
Montgomery, Bremer to Mason.
Myrtle, Union to Walnut.
Pine, High south back to Pearl.
Private land, Merrimack river to Montgomery, three plans.
Ray, Clarke to Carpenter.
Rimmon, Labrecque to Coolidge avenue.
Woodman, Hayward to Valley.

Total sewer plans and profiles, 25.

NUMBERING PLANS.

Belair street, Brown avenue to Girard street.
College avenue, Mast road to Rockland avenue.
Hampshire, North, lane, West Bridge to Langdon.
Kearsarge street, west of Monitor to Railroad street.
Lake Shore road, Island Pond road north.
Lodge street, Maple to Oak.
Mitchell, West street, Elm to Merrimack river. Two plans.
Portsmouth avenue, Lake avenue to C. & P. R. R.
Ward street, River road to B. & M. R. R.
Westland Avenue, Brown avenue to Merrimack river.
Wolcott street, Mitchell street to east of Westland avenue.
Total numbering plans, 12.

MISCELLANEOUS PLANS.

Arkwright, Boyden, Canal, Hollis, Kidder and Whitney streets, showing depth of cellars, level of floors, and pipe grades. Two plans.
Auburn, Canton, Cedar, Cypress and Spruce streets, land of H. Macropol.
Auburn, Cypress and Spruce streets and Clough avenue, land of Macropol and Marty.
Beacon, Bridge and Hanover streets and Mammoth road, sectional plan.
Beech, Grove, Hayward and Wilson streets, showing city yard and surrounding property.
Beech and Walnut streets, "Raybrook Manor."
Edgar, Palmer, Savage, Ted and Ward streets, Seventh and Palmer avenues and River road, land of Peter J. Connolly, "Pine Park."
Elm street at "Dry Bridge," location of tracks and buildings with levels on same. Three plans.
Elm street, Elm avenue and Calef road, land of Martha A. Draper estate.
Elm street, People's Gas Light Company land southerly, Amoskeag Manufacturing Company's land.
Hanover and Pine street and Derryfield lane, showing grades. Two plans.
Huntress, Lewis, Milford, Rowell and Seminole streets, Hillside and Summerside avenues, "Summerside Heights."
Joliette, Kelley and Laval streets, cross section of shoe shop lot, showing buildings, sewers, etc. Four plans.
Kelley street bridge, trolley pole support.
Lowell street, land of Mary A. Connolly.
Mammoth road, levels and soundings for proposed new Isolation Hospital.
Mast, Riddle and William streets, land of Emma R. Lewis.
Milford street and Rochelle avenue, land of Burleigh estate.
Pickering and Webster streets and Smyth road, land of Pickering.

Pine Grove cemetery, Dell, Lime, Riverside and Spruce avenues. Evergreen Lawn.
Union and Walnut streets and Vista avenue, land of Willis C. Patten. "Union Park."
Walnut street, north of Webster street northerly. "Raybrook Manor."
Total miscellaneous plans, 27.

WORKING PLANS.

Alsace east back, Bremer to Mason. Profile.
Arkwright east back, West Bridge to Kidder. Profile.
Arkwright, Boyden and Whitney, Kidder to Hollis, showing proposed grades. Plan.
Belmont, Myrtle to Harrison. Profile.
Boyden east back, West Bridge to Kidder. Profile.
Bridge, Hall to Belmont. Profile.
Canal east back, Spring to Kidder. Two profiles.
Candia road, Hanover to town line. Five profiles.
Charles, Spring to West Bridge. Profile.
Chestnut, Merrimack to Hanover. Profile.
Chestnut, Amherst to Concord. Profile.
Concord, Pine and Seneca lane. Grade sheet.
Concord common, Amherst to Concord, Chestnut to Pine, cross section.
Cumberland, Monitor to Putnam. Profile.
Derryfield lane, Nutfield lane to Chestnut. Profile.
Dubuque east back, Putnam to Sullivan. Profile.
Dutton, Concord northerly. Profile.
Elm, Hanover northerly. Profile.
Exeter avenue, Hayward to Harvard. Profile.
Falls avenue proposed, Falls avenue to Spruce. Plan.
Falls avenue, Old Falls road easterly. Profile.
Fenton, Sylvester to Alpine avenue. Profile.
Franklin, old library building. Plan of floor.
Granite, Main to West. Profile.
Hampshire lane, West Central to Pleasant. Profile.
Hampshire lane, North, south of West Bridge to Kidder. Two profiles.
Hanover, Elm to Nutfield lane. Profile.
Hanover, Candia road westerly. Profile.
Hanover, detail of roadway construction.
Hayward, Lincoln, Valley and Maple. Grades at city yard.
High, East, Malvern to Ashland. Profile.
Jefferson, Hamilton to Brown avenue. Plan.
Joliette east back, Bremer northerly. Profile.
Kelley, Morgan to the bridge. Two profiles.
Lafayette, Amory to Kelley. Two profiles.
Lake avenue, Beacon to Cass. Profile.
Londonderry lane, Chestnut to Pine. Profile.
Mammoth road, showing levels and soundings for proposed new Isolation Hospital. Plan.

Maple, Amherst to Concord. Profile.
Nutfield lane, Amherst to Concord. Profile.
Massabesic, Belmont to south of Summer. Profile.
Massabesic, Summer to Taylor. Profile.
Michigan avenue, North of Briar avenue to north of London. Profile.
Montgomery east back, Kelley to Mason. Two profiles.
Pearl, Union to Walnut. Profile.
Pinard, Mast road to bridge. Profile.
Pine, Hanover to Seneca lane. Paving sheet.
Pine, Bridge to Pearl. Profile.
Pine Grove cemetery, Evergreen Lawn. Plan.
Pine Grove cemetery, new avenue. Profile.
Prospect, Hall to Belmont. Profile.
Prospect south back, Pine to Union. Profile.
Putnam, Cumberland to Railroad. Profile.
Quincy, Granite to Conant. Profile.
Reed, Kelley to Bremer. Profile.
Reed east back, Kelley to Dexter. Two profiles.
Rimmon east back, Putnam to Wayne. Profile.
Russell, Bridge to Pearl. Profile.
Silver, Belmont to Taylor. Profile.
Stark Park, new avenue. Profile.
Tilton, Milford to Bowman place. Profile.
Valley cemetery avenues. Profile.
Walnut, north of Webster northerly. Profile.
Ward, River road to B. & M. R. R. Two profiles.
Wilson, Spruce to Auburn. Profile.
Youville east back, Bremer to Mason. Profile.

Total working plans, 76.

TRACINGS.

Concord and Pine streets and Seneca lane, grade sheet.
Elm street, proposed incinerator lot.
Franklin street, floor plan of old library building.
Hanover street, detail of grading construction.
Jane street, Lowell to Nashua, location of street lines.
New England Telephone & Telegraph Co., showing location of poles, 131 tracings.
New England Telephone & Telegraph Co., location of underground conduit on Amory street, Main to Montgomery.

Total tracings, 137.

BLUE PRINTS.

Amory and Dubuque streets, building at southeast corner, showing location of doors and windows with elevations of same.
Beech and Union streets, north of Webster northerly, "Raybrook Manor."

Bridge, West, and Kidder streets, Elm to Canal, grade sheet, two prints.
Byron and Woodbury streets, location of proposed bridge across Merrimack river.
Castle, Crystal, Hanover and Trinity streets and Woodland avenue, land of Jesse W. Mudgett, "Valley View," six prints.
City of Manchester, east side sewerage system, three prints.
City of Manchester, west side sewerage system, eleven prints.
Concord and Pine streets and Seneca lane, grade sheet.
Detail plan of standard cesspool.
Elm street at "Dry bridge" location of tracks and buildings with levels on same, six prints.
Elm and Manchester streets and Nutfield lane, grade sheet, two prints.
Elm street, proposed incinerator lot, three prints.
Franklin street, floor plan of old library building.
Hanover and Pine streets and Derryfield lane, grade sheet, three prints.
Jane street, Lowell to Nashua, location of street lines.
New England Telephone & Telegraph Co., showing location of poles, 334 prints.
New England Telephone & Telegraph Co., location of underground conduit on Amory street, Main to Montgomery, two prints.
Pickering and Webster streets and Smyth road, Pickering land.
Pine Grove cemetery, Evergreen Lawn, two prints.
Pine Grove cemetery, single grave section.
Valley street, proposed incinerator lot.
Walnut street, north of Webster street northerly, "Raybrook Manor," ten prints.

Total blue prints, 394.

SUMMARY.

Plans and profiles (sewers)	25
Numbering plans	12
Miscellaneous plans	27
Working plans	76
Tracings	137
Blue prints	394
Assessment book sheets	2
Section plans	1
	674

Four tracings showing city sewers have been brought up to date.
Maps brought up to date, five.
Plans brought up to date, twenty-nine.
Plans made for establishing grade on streets, not laid out, 25,330 feet.
Plans made for establishing grade on laid out streets, 51,550 feet.

Total, 76,880.

SEWER LICENSES.

At a meeting of the board of mayor and aldermen November 19, 1897, the city engineer was instructed to "examine the books in his office and to present to said board a list of property owners who had neglected to pay the license fee required by the city laws and ordinances for entrance to the city sewers."

The records were examined and a list compiled, giving the name of the property owner, and the location of the lot, the street frontage and the license fee due upon each and every piece of occupied property within one hundred feet of a public sewer.

The said list was given in hand to the city clerk, as clerk of the board of mayor and aldermen.

The list comprised 1,017 names and a notice was sent to each one by the city clerk. A summarized statement of the ground covered to January 1, 1916, follows, to wit.:

Number of names January 1, 1898			1,017
Paid during 1898		277	
Granted free during 1898		76	
Paid prior to 1898, located during the year		121	
Paid during 1899		24	
Granted free during 1899		12	
Paid during 1900		2	
Not connected		1	
Paid during 1901		2	
Granted free during 1901		1	
Paid during 1902		2	
Paid during 1903		3	
Paid during 1904		4	
Paid during 1906		1	
Paid during 1907		3	
Granted free during 1907		1	
Paid during 1908		2	
Paid during 1909		2	
Granted free during 1909		1	
Paid during 1910		1	
Paid during 1912		6	
Paid during 1913		7	
Paid during 1915		4	
Paid prior to 1898, not located	60		
Paid previously	3		
Paid in part	1		
Covered by old permit	1		
Not recorded paid, receipts shown	5		
Recorded paid, no record of cash received	2		
Claims to have paid, no record	1		

Licenses taken out, not paid.....	17		
Not heard from	374		
Total number not settled Jan. 1, 1916		464	
		1,017	1,017
Number of licenses granted new sewer enterers during 1915			184
Number of free licenses granted sewer enterers during 1915			5
Total number of licenses granted during 1915.....			189
Amount of money recorded as collected from new sewer enterers during 1915.....			$2,825.46

(All moneys are collected by the city clerk.)

STREET NUMBERS.

Figures on hand January 1, 1915.....	307	
Figures ordered during 1915.....	960	
Letters on hand January 1, 1915.....	35	
Letters ordered during 1915.....	3	
Figures used during 1915.....		938
Figures on hand January 1, 1916.....		329
Letters used during 1915.....		6
Letters on hand January 1, 1916.....		32
	1,305	1,305
Numbers assigned during 1915.....		283
Numbers replaced during 1915.....		34
Numbers changed during 1915.....		35
		352

(The expense of street numbers in charged to the appropriation for the Engineer's Department.)

STREET PAVING.

Tables Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10 give the location, number of square yards, price per square yard, total cost and date when measured of all coal tar concrete, granolithic, bithulithic, roc-mac, granite blocks and wood blocks laid during the year as follows:

Table No. 1, Sidewalks, repairs; Table No. 2, Sidewalks, new; Tables Nos. 3 and 4, Sidewalks, new, under law of 1913; Table No. 5, Sidewalks, new; Tables Nos. 6 and 7, Street Paving, repairs; Table No. 7A, Street Paving, new; Table No. 8, Miscellaneous; Table No. 9, Street Crossings, new; Table No. 10, Street Crossings, repairs; Table No. 11, Summary of Tables, Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10.

TABLE NO. 1.

SIDEWALKS (Repairs)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Amory, south side.	Coolidge avenue to Notre Dame avenue	134.22	$0.35	$46.98	Oct. 14, 1914
Amory	Main west back to Notre Dame avenue	188.82	.35	66.08	Oct. 14, 1914
Bridge	At No. 11–No. 19	50.00	.35	17.50	July 6, 1915
Bridge, south side.	Elm easterly	3.33	.35	1.17	July 6, 1915
Cartier	At No. 473	52.80	.60	31.68	Dec. 11, 1915
Central	At No. 29	15.55	.35	5.44	June 20, 1915
Central	At No. 29–No. 33	43.33	.35	15.17	June 20, 1915
Central	At No. 35–No. 39	37.33	.35	13.07	June 20, 1915
Central	At No. 57	16.33	.35	5.72	June 20, 1915
Central	At No. 63	27.77	.35	9.72	June 20, 1915
Central	At No. 65	22.22	.35	7.78	June 20, 1915
Central	At No. 69	21.33	.35	7.46	June 21, 1915
Central	At No. 75	22.88	.35	8.01	June 21, 1915
Central	At No. 77	18.66	.35	6.53	June 21, 1915
Central	At No. 81	20.83	.35	7.29	June 21, 1915
Central	At No. 87	54.88	.35	19.21	June 21, 1915
Central, south side.	Chestnut easterly	51.05	.35	17.87	June 21, 1915
Central, W., so. side	At Transfer Station	85.66	.35	29.98	May 26, 1915
Central, W., so. side	At Hampshire lane	15.88	.35	5.56	May 26, 1915
Central, W., so. side	West of Hampshire lane	5.00	.35	1.75	May 26, 1915
Central, W., so. side	East of Franklin	15.88	.35	5.56	May 24, 1915
Central, W., so. side	Franklin to Franklin west back	93.82	.35	32.84	May 24, 1915
Central, W., so. side	At Franklin west back	10.88	.35	3.81	May 25, 1915
Chestnut, west side.	Lake avenue, southerly	63.30	.60	37.98	Dec. 11, 1915
Chestnut, west side.	Lake avenue, northerly	64.00	.35	22.40	June 27, 1915
Chestnut	At No. 250–No. 252	73.83	.35	25.84	June 27, 1915
Chestnut, east side	At Precourt's drug store	77.00	.35	26.95	June 27, 1915
Chestnut, east side	Londonderry lane to Manchester	97.44	.35	34.10	June 28, 1915
Chestnut, west side	Hanover, southerly	37.50	.35	13.12	May 29, 1915
Chestnut, west side	Between Amherst and Derryfield lane	3.44	.35	1.20	July 7, 1915
Chestnut	At No. 426–No. 428	25.66	.35	8.98	July 7, 1915
Chestnut, west side	At the Tabernacle	22.50	.35	7.87	July 12, 1915
Chestnut, west side	At Seneca lane	4.00	.35	1.40	July 10, 1915

Chestnut, west side	Lowell to Seneca lane	145.61	.35	50.96	July 10, 1915
Chestnut, west side	At Lowell north back	12.44	.35	4.35	July 10, 1915
Chestnut, west side	At Polish hall	41.11	.35	14.39	July 10, 1915
Chestnut, west side	At Knights of Pythias club house	38.88	.35	13.61	July 9, 1915
Chestnut, west side	At No. 494	46.66	.35	16.33	July 9, 1915
Chestnut, west side	At Eagle House	24.41	.35	8.55	July 9, 1915
Chestnut, west side	Pearl, northerly	113.33	.35	39.67	Dec. 11, 1915
Church, west side	Bridge, southerly	8.33	.35	2.91	July 7, 1915
Church	At No. 34–No. 42	22.83	.35	7.99	July 7, 1915
Clinton, north side	At ward room	101.44	.35	35.51	Nov. 1, 1915
Concord	Front of No. 36 (charge Peoples Gas Light Company)	.84	.35	.30	April 29, 1915
Concord common	Northwest to southeast corner diagonal walk	154.00	.60	92.40	Nov. 10, 1915
Concord common	Northwest to southeast corner diagonal walk	209.00	.35	73.15	Nov. 10, 1915
Concord common	Center walk to Pine	111.91	.35	39.17	Nov. 10, 1915
Concord common	Northeast to southwest corner diagonal walk	325.00	.35	113.75	Nov. 10, 1915
Concord common	Chestnut, east side Amherst to Concord street	231.20	.35	80.92	Nov. 10, 1915
Concord common	Chestnut, east side gutter	20.22	.60	12.13	Nov. 10, 1915
Dean avenue	Hampshire lane, easterly	61.00	.35	21.35	July 14, 1915
Elm	At No. 542–No. 548	24.69	.35	8.64	June 16, 1915
Elm	At No. 550	13.68	.35	4.79	June 7, 1915
Elm	At No. 560	32.50	.35	11.38	June 7, 1915
Elm	At No. 562	2.22	.35	.78	June 7, 1915
Elm	At No. 576	41.66	.35	14.58	June 7, 1915
Elm	At No. 579	1.11	.35	.39	June 7, 1915
Elm	At No. 585	1.66	.35	.58	June 8, 1915
Elm	At No. 588–No. 592	65.91	.35	23.06	June 8, 1915
Elm	At No. 589	41.82	.35	14.63	June 8, 1915
Elm	At No. 593	7.69	.35	2.70	June 8, 1915
Elm	At No. 596–No. 607	35.30	.35	12.35	June 9, 1915
Elm	At No. 604 (Palmer & Garmon's)	21.66	.35	7.58	June 10, 1915
Elm	At No. 606–No. 620	97.77	.35	34.22	June 10, 1915
Elm	At No. 609–No. 613	71.11	.35	24.89	June 10, 1915
Elm	At No. 615	17.50	.35	6.13	June 10, 1915
Elm	At No. 617–No. 635	151.66	.35	53.08	June 10, 1915
Elm	At No. 622	7.50	.35	2.62	June 11, 1915
Elm	At No. 624–No. 634	53.16	.35	18.60	June 11, 1915
Elm	At No. 635	21.66	.35	7.58	June 11, 1915
Elm	At No. 640	9.21	.35	3.32	June 11, 1915
Elm	At No. 651–No. 653	29.82	.35	10.44	June 12, 1915
Elm	At No. 657–No. 659	38.00	.35	13.30	June 12, 1915
Elm	At No. 669–No. 671	53.33	.35	18.67	June 12, 1915
Elm	At No. 690 (Transfer Station)	52.90	.35	18.52	June 12, 1915
Elm	At No. 884–No. 850	161.66	.35	56.58	June 14, 1915
Elm	At No. 893	37.00	.35	12.94	June 15, 1915
Elm	At No. 977–No. 981	97.00	.35	33.95	June 15, 1915

TABLE NO. 1.—Continued.

SIDEWALKS (Repairs)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Elm	At No. 971	43.33	$0.35	$15.17	June 12, 1915
Elm	At No. 1015	2.16	.35	.76	June 15, 1915
Elm	At No. 1037–No. 1045	53.61	.35	18.76	June 16, 1915
Elm	At No. 1051–No. 1059	69.88	.35	24.46	June 16, 1915
Elm	At No. 1060–No. 1076	292.13	.35	102.25	June 18, 1915
Elm	At No. 1082	50.00	.35	17.50	June 19, 1915
Elm	At No. 1101	70.33	.35	24.61	June 19, 1915
Elm	At No. 1137–No. 1139	65.00	.35	22.75	June 19, 1915
Elm	At No. 1143–No. 1145	31.50	.35	11.02	June 21, 1915
Elm	At No. 1147–No. 1149	31.41	.35	10.99	June 21, 1915
Elm	At No. 1151–No. 1153	29.00	.35	10.15	June 21, 1915
Elm	At No. 1155–No. 1157	29.97	.35	10.49	June 21, 1915
Elm	At No. 1159	27.88	.35	9.76	June 21, 1915
Elm	At No. 1161–No. 1163	25.77	.35	9.02	June 21, 1915
Elm	At No. 1197–No. 1199	27.66	.35	9.69	June 24, 1915
Elm	At No. 1225	24.88	.35	8.71	June 24, 1915
Elm	At No. 1231	41.66	.35	14.58	June 24, 1915
Elm	At No. 1265	134.00	.35	46.90	June 25, 1915
Elm	At No. 1283–No. 1289	206.33	.35	72.22	June 26, 1915
Elm	At No. 1284–1306	181.41	.35	63.49	June 28, 1915
Elm	At No. 1331–No. 1375	483.33	.35	169.17	June 29, 1915
Franklin, west side	West Central, southerly	53.28	.35	18.65	June 14, 1915
Granite, north side	Elm, westerly	47.00	.35	16.45	June 8, 1915
Granite	At Palmer & Garmon's	42.99	.35	15.05	June 8, 1915
Hampshire lane, w. s.	West Central, southerly	14.66	.35	5.13	June 8, 1915
Hanover	Elm to Chestnut around gas lights	4.89	.35	1.71	May 5, 1915
Hanover, south side	Chestnut, westerly (charge P. G. L. Co.)	80.50	.35	28.18	July 9, 1915
Hanover, south side	Pine, easterly	138.44	.35	48.45	July 14, 1915
Lake avenue, so. side	Elm to Manhattan lane	83.66	.35	29.28	June 8, 1915
Lake avenue	At No. 18	16.88	.35	5.91	June 8, 1915
Lake avenue	At No. 22	18.66	.35	6.53	June 8, 1915
Lake avenue	At No. 24	10.66	.35	3.73	June 8, 1915
Lake avenue	At No. 26–No. 28	19.55	.35	6.84	June 8, 1915
Lake avenue	At No. 32	24.00	.35	8.40	June 8, 1915

Lake avenue	At No. 36	23.11	.35	8.09	June 9, 1915
Lake avenue	At No. 43	14.22	.35	4.98	June 9, 1915
Lake avenue	At No. 45–No. 47	22.22	.35	7.78	June 9, 1915
Lake avenue	At No. 49–No. 51	19.44	.35	6.80	June 9, 1915
Lake avenue	At No. 52	4.88	.35	1.71	June 9, 1915
Lake avenue	At No. 53–No. 55	21.66	.35	7.58	June 9, 1915
Lake avenue	At No. 54–No. 58	35.55	.35	12.44	June 9, 1915
Lake avenue	At No. 61–No. 63	21.55	.35	7.54	June 9, 1915
Lake avenue	At N.o 65–No. 67	22.22	.35	7.78	June 9, 1915
Lake avenue	At No. 66–No. 68	10.11	.35	3.54	June 9, 1915
Lake avenue	At No. 69–No. 71	22.22	.35	7.78	June 10, 1915
Lake avenue	At No. 74	22.22	.35	7 78	June 10, 1915
Lake avenue	At No. 70–No. 72	25.00	.35	8.75	June 10, 1915
Lake avenue	At No. 80	23.11	.35	8.09	June 11, 1915
Lake avenue, no. side	Chestnut, westerly	42.77	.35	14.97	June 11, 1915
Lake avenue, so. side	Chestnut, westerly	41.11	.35	14.39	June 11, 1915
Lake avenue, no. side	Pine, easterly	.88	.35	.31	June 11, 1915
Lincoln school yard		2.88	.35	1.01	June 14, 1915
Lowell, south side	Elm to Nutfield lane	35.94	.60	21.56	Aug. 11, 1915
Lowell, south side	Elm to Nutfield lane	59.18	.35	20.71	Aug. 11, 1915
Lowell, south side	Nutfield lane to Chestnut	79.33	.60	47.60	Aug. 11, 1915
Lowell, south side	Nutfield lane to Chestnut	61.33	.35	21.47	Aug. 11, 1915
Lowell, north side	Birch, westerly	21.50	.60	12.90	Aug. 11, 1915
Lowell, north side	Chestnut, westerly	42.89	.60	25.73	Aug. 11, 1915
Main, South	Northwest corner Clinton	8.22	.50	4.11	Nov. 1, 1915
Main, South	Southwest corner Clinton	10.22	.50	5.11	Nov. 1, 1915
Main, South	Northeast corner Ferry	9.44	.50	4.72	Nov. 1, 1915
Main, South	Southeast corner Ferry	9.29	.50	4.65	Nov. 1, 1915
Main, South	Southeast corner Walker	21.22	.50	10.61	Nov. 1, 1915
Main, South	Northeast corner Walker	6.61	.50	3.30	Nov. 1, 1915
Main, South	Southwest corner Parker	9.39	.50	4.69	Nov. 1, 1915
Main, South	Northwest corner Parker	9.73	.50	4.87	Nov. 1, 1915
Merrimack common	Northeast corner diagonal walk to monument	147.00	.35	51.45	Nov. 10, 1915
Merrimack common	Southeast corner diagonal walk to monument	113.00	.35	39.55	Nov. 10, 1915
Merrimack common	Center walk, Central street to monument, and around same	371.83	.35	130.14	Nov. 10, 1915
Merrimack common	Southwest corner diagonal walk to monument	119.07	.35	41.67	Nov. 10, 1915
Merrimack common	East of Barton's store	58.50	.35	20.48	June 14, 1915
Merrimack, West	Hampshire lane to Franklin	126.00	.35	44.10	Oct. 14, 1914
Orange, north side	Elm, easterly	74.70	.35	26.13	June 15, 1915
Orange	At Clarke avenue	25.55	.35	8.95	June 15, 1915
Orange	At No. 38	10.66	.35	3.73	June 15, 1915
Orange	At No. 41–No. 43	2.00	.35	.70	June 15, 1915
Orange	At No. 48–No. 50	22.00	.35	7.70	June 15, 1915
Pearl, north side	Elm, easterly	81.44	.35	28.50	June 16, 1915
Pearl, south side	Elm, easterly	158.41	.35	55.44	June 16, 1915
Pearl, north side	Chestnut, westerly	83.33	.35	29.17	Dec. 11, 1915

TABLE NO. 1.—Concluded.

SIDEWALKS (Repairs)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Pearl	Chestnut, northwest corner	7.11	$0.35	$2.48	Dec. 11, 1915
Prospect, south side	Elm, easterly	28.66	.35	10.03	July 1, 1915
Spruce, south side	Elm to Manhattan lane	80.46	.35	28.15	July 2, 1915
Spruce, south side	At Manhattan lane	11.66	.35	4.08	July 2, 1915
Spruce, north side	At Manhattan lane	20.00	.35	7.00	July 2, 1915
Spruce, south side	East of Manhattan lane	3.11	.35	1.09	July 2, 1915
Spruce	At No. 2	6.22	.35	2.18	July 2, 1915
Spruce	At No. 26	3.99	.35	1.40	July 2, 1915
Spruce	At No. 30	20.26	.35	7.09	July 2, 1915
Spruce	At No. 32–No. 34	29.00	.35	10.15	July 2, 1915
Spruce	At No. 44	19.83	.35	6.94	July 3, 1915
Spruce	At No. 46	16.66	.35	5.83	July 3, 1915
Spruce	At No. 50–No. 52	23.15	.35	8.10	July 3, 1915
Spruce	At No. 56	26.44	.35	9.25	July 3, 1915
Spruce	At No. 60	27.50	.35	9.62	July 3, 1915
Spruce	At No. 62	31.94	.35	11.18	July 3, 1915
Traction, north side	At Hampshire lane	22.22	.35	7.78	July 3, 1915
Traction, south side	Elm to Hampshire lane	83.33	.35	29.17	July 3, 1915
Traction, south side	At Hampshire lane	17.00	.35	5.95	July 3, 1915
Tremont common	Pine, east side High to Bridge	250.88	.35	87.81	Nov. 10, 1915
Tremont common	Diagonal walks	945.72	.35	331.00	June 3, 1915
Winter Pl., so. side	Elm, westerly	85.00	.35	29.75	June 24, 1915
		10,723.99		$3,882.51	

TABLE NO. 2.

SIDEWALKS (New)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Central, W., no. side	Elm to Hampshire lane	131.60	$0.60	$78.96	Feb. 3, 1916
Chestnut, west side.	Manchester to Monadnock lane	104.876	.60	62.93	Nov. 10, 1915
Hampshire lane, e. s.	Pleasant to West Central	52.66	.60	31.60	Feb. 3, 1916
Pine, west side	Monadnock lane, southerly	85.00	.60	51.00	Nov. 10, 1915
Pine, west side	Manchester to Monadnock lane	102.112	.60	61.27	Nov. 10, 1915
Pine, west side	Manchester street, northerly	9.42	.60	5.65	Nov. 10, 1915
Pine, west side	Londonderry lane to Hanover	115.55	.60	69.33	Nov. 10, 1915
Pine, west side	Londonderry lane to Hanover	11.25	.60	6.75	Nov. 10, 1915
Traction, so. side	At city yard	155.55	.50	77.77	Feb. 3, 1916
Tremont common	North walk and projections	669.50	.60	401.70	Aug. 12, 1915
Union, west side	Monadnock lane to Manchester	99.661	.60	59.80	Nov. 10, 1915
Union, west side	Manchester, northerly	22.294	.60	13.37	Nov. 10, 1915
Washington, so. side	Elm to Church	73.66	.30	22.09	Feb. 3, 1916
William	At No. 96	36.666	.60	22.00	Sept. 14, 1914
		1,669.799		$964.22	

TABLE NO. 3.

SIDEWALKS (New)—Robie Consolidated Concrete Company, Contractors. (Under Laws of 1913.)

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Bridge, W., so. side	Elm to north Hampshire lane..... (Manchester Savings Bank)	106.952	$0.60	$64.17	Dec. 7, 1915
Bridge, W., no. side	Elm to north Hampshire lane..... (Orrin Kimball heirs)	100.444	.60	60.27	Dec. 7, 1915
Bridge, W., no. side	North Hampshire lane to Canal street..... (Amoskeag Manufacturing Co.)	543.172	.60	325.90	Dec. 7, 1915
Bridge, West.....	Northwest corner of Canal street..... (City of Manchester)	14.689	.60	8.81	Dec. 7, 1915
Bridge, West.....	Southwest corner of Canal street..... (City of Manchester)	37.509	.60	22.50	Dec. 7, 1915
Bridge, W., so. side	Canal street to north Hampshire lane..... (American Duck Company)	548.997	.60	329.40	Dec. 7, 1915
		1,351.763		$811.05	

TABLE No. 4.

SIDEWALKS (New)—Robie Consolidated Concrete Company, Contractors. (Under Laws of 1913.)

Street.	Location.	Square yards.	Per square yard.	Total cost.	Measured.
Manchester	At Nos. 118-122	49.47	$0.60	$29.68	Nov. 10, 1915
Manchester	At Nos. 126-132-134	61.83	.60	37.10	Nov. 10, 1915
Manchester	At Nos. 138-140-142	41.22	.60	24.73	Nov. 10, 1915
Manchester	At Nos. 148-150-154	61.83	.60	37.10	Nov. 10, 1915
Manchester	At Nos. 160-162	41.22	.60	24.73	Nov. 10, 1915
Manchester	At Nos. 170-174	41.22	.60	24.73	Nov. 10, 1915
Manchester	At No. 176	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 182-184	41.22	.60	24.73	Nov. 10, 1915
Manchester	At No. 190	21.44	.60	12.86	Nov. 10, 1915
Manchester	At No. 192	40.40	.60	24.24	Nov. 10, 1915
Manchester	At Nos. 200-202	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 206-208	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 210-212	41.22	.60	24.73	Nov. 10, 1915
Manchester	At No. 216	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 222-224	41.22	.60	24.73	Nov. 10, 1915
Manchester	At No. 228	20.61	.60	12.37	Nov. 10, 1915
Manchester	At No. 234	20.61	.60	12.37	Nov. 10, 1915
Manchester	At No. 240	20.61	.60	12.37	Nov. 10, 1915
Manchester	At southwest corner Chestnut	2.30	.60	1.38	Nov. 10, 1915
Manchester	At No. 133	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 137-139	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 141 to 147	49.47	.60	29.68	Nov. 10, 1915
Manchester	At Battery building*	28.03	.60	16.82	Nov. 10, 1915
Manchester	At Nos. 157-159-161	46.17	.60	27.70	Nov. 10, 1915
Manchester	At No. 167	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 171-173	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 175-177	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 179-181	27.48	.60	16.49	Nov. 10, 1915
Manchester	At No. 185	13.74	.60	8.24	Nov. 10, 1915
Manchester	At Nos. 187-189-193	41.22	.60	24.73	Nov. 10, 1915
Manchester	At No. 195	20.61	.60	12.37	Nov. 10, 1915
Manchester	At No. 201	82.44	.60	49.46	Nov. 10, 1915
Manchester	At Nos. 215-217	20.20	.60	12.12	Nov. 10, 1915
Manchester	At Nos. 219-221	21.02	.60	12.61	Nov. 10, 1915
Manchester	At Nos. 223-225	20.61	.60	12.37	Nov. 10, 1915
Manchester	At Nos. 227 to 237	52.33	.60	31.39	Nov. 10, 1915
Manchester	8 circles*	61.92	.60	37.15	Nov. 10, 1915
		1,217.15		$730.31	

*All charged to city.

TABLE NO. 5.

SIDEWALKS (New)—New Hampshire Cement Construction Company, Contractors (Granolithic).

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Chestnut, east side.	Manchester to Monadnock lane.....	120.348	$1.25	$149.44	Nov. 10, 1915
Manchester, so. side.	Chestnut, easterly	95.214	1.25	119.02	Nov. 10, 1915
		215.562		$268.46	

TABLE No. 6.

STREET PAVING (Repairs) Warren Bros., Contractors. (Bithulithic.)

Street.	Location.	Square yards.	Per square yard.	Total cost.	Measured.
Derryfield lane	Chestnut, easterly (charge M. T. L. & P. Co.).....	8.75	$3.83	$33.51	Nov. 12, 1915
Granite	East of Canal at spur track (charge B. & M. R. R.)....	22.53	4.00	90.12	Nov. 12, 1915
Lowell	At Nutfield lane (charge M. T. L. & P. Co.).....	36.13	3.57	128.98	Nov. 12, 1915
Lowell	At Birch (charge Peoples Gas Light Co.).....	9.66	3.83	37.00	Nov. 12, 1915
		77.07		$289.61	

TABLE NO. 7.

STREET PAVING (Repairs)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Amherst	Elm to Vine	27.56	$0.50	$13.78	Sept. 14, 1914
Amherst	Elm to Vine	17.10	.50	8.55	Oct. 4, 1915
Amherst	Elm to Vine	36.65	.50	18.33	April 30, 1915
Amherst	Union to Beech	2.33	.50	1.16	Sept. 14, 1914
Amherst	Union to Beech	53.22	.50	26.61	May 11, 1915
Amherst	Union to Beech	16.93	.50	8.46	May 12, 1915
Amherst	Union to Beech (charge M. W. W.)	2.44	1.00	2.44	Sept. 14, 1914
Amoskeag	Amoskeag bridge to Third	69.25	.50	34.62	May 24, 1915
Amoskeag	At west end of bridge	12.11	.50	6.05	Nov. 24, 1915
Bridge, West	B. & M. R. R. to Canal bridge (charge M. W. W.)	4.89	.50	2.44	May 22, 1915
Bridge, West	Canal street to McGregor bridge	58.01	.50	29.00	May 24, 1915
Central	Elm to Chestnut	26.06	.50	13.03	May 7, 1915
Central	Elm to Chestnut	120.68	.50	60.34	Oct. 5, 1915
Chestnut	Concord to Amherst	39.33	.50	19.66	Aug. 31, 1914
Chestnut	Concord to Amherst	32.22	.50	16.11	May 4, 1915
Chestnut	Concord to Amherst	44.24	.50	22.12	Oct. 1, 1915
Chestnut	Amherst to Hanover	20.14	.50	10.07	Aug. 31, 1914
Chestnut	Amherst to Hanover	121.12	.50	60.56	May 4, 1915
Chestnut	Amherst to Hanover	72.07	.50	36.04	Oct. 4, 1915
Chestnut	Hanover to Manchester	31.30	.50	15.65	Aug. 31, 1914
Chestnut	Hanover to Manchester	113.61	.50	56.80	May 5, 1915
Chestnut	Hanover to Manchester	101.56	.50	50.78	Oct. 4, 1915
Chestnut	South of Hanover (charge M. W. W.)	1.80	.50	.90	April 30, 1915
Chestnut	Manchester to Monadnock lane	83.44	.50	41.72	Nov. 30, 1915
Chestnut	Manchester to Merrimack	42.49	.50	21.24	Aug. 31, 1914
Chestnut	Manchester to Merrimack	38.71	.50	19.35	May 6, 1915
Chestnut	Manchester, southerly (charge M. W. W.)	1.80	.50	.90	April 30, 1915
Chestnut	Monadnock lane to Merrimack	42.32	.50	21.16	Oct. 24, 1915
Chestnut, west side.	At Derryfield lane	14.00	.50	7.00	May 15, 1915
Concord	Elm to Vine	21.33	.50	10.66	Sept. 14, 1914
Concord	Elm to Vine	53.86	.50	26.93	April 29, 1915
Concord	Elm to Vine	38.31	.50	19.16	Oct. 1, 1915
Concord	In front of No. 36 (charge P. G. L. Co.)	4.50	.50	2.25	April 29, 1915
Elm	Bridge to Pearl	312.72	.50	156.36	Nov. 24, 1915

TABLE NO. 7—Continued.

STREET PAVING (Repairs)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Granite	Turner to Second	63.19	.50	$31.59	May 19, 1915
Granite	Turner to Main	85.28	.50	42.64	Sept. 14, 1914
Granite	Second to Main	173.42	.50	86.70	May 19, 1915
Granite	At Granite Square Theatre (charge M. W. W.)	4.67	1.10	5.14	May 27, 1915
Granite	Turner to Second	105.66	.50	52.83	Sept. 25, 1915
Granite	Second to Turner	79.81	.50	39.90	Sept. 25, 1915
Granite	Second to Main	172.72	.50	86.36	Sept. 28, 1915
Granite	Second to Main	180.30	.50	90.15	Sept. 29, 1915
Granite	Main, west side	58.23	.50	29.12	Nov. 30, 1915
Granite	Second, westerly	48.87	.50	24.43	Nov. 30, 1915
Hampshire lane	Market to Stark	8.67	.50	4.33	May 24, 1915
Hanover	Elm to Chestnut	102.52	.50	51.26	Aug. 31, 1914
Hanover	At No. 50 (charge P. G. L. Co.)	3.30	.50	1.65	May 5, 1915
Hanover	In front of Palace Theatre (charge M. W. W.)	3.11	.50	1.55	May 5, 1915
Hanover	Nutfield lane to Chestnut	9.20	.50	4.60	July 18, 1914
Hanover	Nutfield lane to Chestnut	26.33	.50	13.16	May 5, 1915
Hanover	Elm to Nutfield lane	355.33	1.00	355.33	July 18, 1914
Hanover	Chestnut to Pine	13.49	.50	6.74	May 11, 1915
Hanover	Chestnut to Pine	6.55	1.00	6.55	Sept. 14, 1914
Hanover	In front of N. H. Fire Insurance Co. (charge				
Hanover	Peoples Gas Light Co.)	2.67	.50	1.33	May 11, 1915
Hanover	West of Pine	4.33	.50	2.16	July 14, 1914
Hanover	Pine, westerly	14.44	.50	7.22	Nov. 24, 1915
Hanover	Union to Beech	68.00	.50	34.00	Sept. 14, 1914
Hanover	Union to Beech	136.92	.50	68.45	May 12, 1915
Kelley	Notre Dame avenue to Cartier	1.00	.50	.50	May 24, 1915
Kelley	Dubuque to Rimmon	3.50	.50	1.75	May 24, 1915
Lake avenue	Elm to Chestnut	43.06	.50	21.53	Sept. 14, 1914
Lake avenue	Elm to Chestnut	43.05	.50	21.52	May 10, 1915
Lake avenue	Elm to Chestnut	201.52	.50	100.76	Oct. 6, 1915
Lake avenue	Chestnut to Pine	81.27	.50	40.63	Oct. 7, 1915
Main	In front Fire King engine house	87.78	.50	43.89	May 21, 1915
Main	At No. 433 (charge M. W. W.)	3.41	1.10	3.75	May 27, 1915

Main	Sullivan to Putnam	11.77	.50	5.88	May 21, 1915
Main	Putnam to Wayne	60.69	.50	30.34	Sept. 14, 1914
Main	Putnam to Wayne	188.78	.50	94.39	May 21, 1915
Main	Wayne to Marion	7.08	.50	3.54	Sept. 14, 1914
Main	Wayne to Marion	40.92	.50	20.46	May 21, 1915
Main	Wayne to Marion (charge M. W. W.)	2.22	1.00	2.22	Sept. 14, 1914
Main	At Fire King engine house	39.42	.50	19.71	Sept. 30, 1915
Main	Sullivan to Putnam	54.27	.50	27.14	Sept. 30, 1915
Main	Putnam to Wayne	83.87	.50	41.94	Sept. 30, 1915
Main	Wayne to Marion	22.27	.50	11.14	Oct. 1, 1915
Main, South	Granite to M. & N. W. R. R.	61.14	.50	30.57	Sept. 14, 1914
Main, South	Granite to School	27.64	.50	13.82	May 19, 1915
Main, South	School to Ferry	23.37	.50	11.68	May 20, 1915
Main, South	Ferry to Walker	71.19	.50	35.59	May 19, 1915
Main, South	Walker to M. & N. W. R. R.	52.43	.50	26.21	May 20, 1915
Main, South	Granite to School	135.94	.50	67.97	Sept. 29, 1915
Main, South	School to Ferry	28.54	.50	14.27	Sept. 29, 1915
Manchester	At Elm	46.06	.50	23.03	July 18, 1914
Manchester	At Nutfield lane (charge M. W. W.)	8.12	1.10	8.93	May 27, 1915
Manhattan lane	Central to Central south back	14.86	.50	7.43	May 7, 1915
Maple	Central to Lake avenue	13.61	.50	6.80	Sept. 14, 1914
Maple	Central to Lake avenue	141.45	.50	70.72	May 17, 1915
Maple	Laurel to Central	13.50	.50	6.75	Sept. 14, 1914
Maple	Laurel to Central	74.81	.50	37.40	May 15, 1915
Maple	Laurel to Central	25.83	.50	12.91	Nov. 27, 1915
Maple	Merrimack to Laurel	6.69	.50	3.34	Sept. 14, 1914
Maple	Merrimack to Laurel	79.74	.50	39.87	May 15, 1915
Marion	Main to McGregor	34.09	.50	17.04	May 21, 1915
Merrimack	Chestnut to Elm	24.26	.50	12.13	Aug. 31, 1914
Merrimack	Chestnut to Elm	79.27	.50	39.63	May 7, 1915
Merrimack	Chestnut to Elm	241.59	.50	120.79	Oct. 25, 1915
Merrimack	At front of No. 260 (charge P. G. L. Co.)	5.78	.50	2.89	May 13, 1915
Merrimack	Beech to Maple	233.00	.50	116.49	May 14, 1915
Merrimack	Beech to Maple	15.33	.50	7.66	Sept. 14, 1914
Merrimack so. back	Union, easterly	330.00	.50	165.00	May 25, 1915
Merrimack, West	Elm to Franklin	15.66	.50	7.83	Sept. 14, 1914
Merrimack, West	Elm to Franklin	39.67	.50	19.83	May 7, 1915
Merrimack, West	Elm to Franklin	81.08	.50	40.54	Oct. 27, 1915
Monadnock lane	Chestnut, easterly	26.50	.50	13.25	Aug. 31, 1914
Notre Dame avenue	North of Wayne, northerly	40.00	.50	20.00	Oct. 7, 1915
Nutfield lane	Amherst to Derryfield lane	22.60	.50	11.30	April 30, 1915
Pine	Lake avenue to Spruce	2.60	.50	1.30	May 10, 1915
Pine	Lake avenue to Spruce (charge M. W. W.)	2.26	.50	1.13	May 10, 1915
Pine	Lake avenue to Spruce	66.53	.50	33.27	Oct. 7, 1915
Pine	Lake avenue to Central	24.94	.50	12.47	Oct. 7, 1915
Rimmon	At Fulton engine house	48.15	.50	24.07	May 22, 1915

TABLE NO. 7—Concluded.

STREET PAVING (Repairs)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Second	At the north bridge	3.84	$0.50	$1.92	May 19, 1915
Union	Lake avenue to Central	36.81	.50	18.40	May 10, 1915
Union	Lake avenue to Central	95.17	.50	47.58	Nov. 26, 1915
Union	Lake avenue, northerly (charge P. G. L. Co.)	48.55	1.00	48.55	Nov. 26, 1915
Union	Central to Laurel	30.49	.50	15.24	May 10, 1915
Union	Central to Laurel	185.57	.50	92.78	Nov. 27, 1915
Union	Laurel to Merrimack	7.66	.50	3.83	May 10, 1915
Union	Laurel to Merrimack	86.33	.50	43.16	Nov. 27, 1915
Union	Hanover to Amherst	29.39	.50	14.69	Sept. 14, 1914
Union	Hanover to Amherst	28.61	.50	14.30	May 10, 1915
Union	Hanover to Amherst	46.53	.50	23.26	May 11, 1915
Union	Amherst to Concord	15.66	.50	7.83	Sept. 14, 1914
Union	Amherst to Concord	65.15	.50	32.58	May 11, 1915
Union	Concord to Lowell	18.33	.50	9.16	Sept. 14, 1914
Union	Concord to Lowell	6.59	.50	3.29	May 11, 1915
Union	Amherst to Concord	96.30	.50	48.15	Sept. 14, 1914
Vine	Amherst to Concord	92.12	.50	46.06	Oct. 4, 1915
		7,436.04		$3,933.20	

TABLE NO. 8.

MISCELLANEOUS—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Turner	Handball court at foot of Ferry street	4.33	$0.50	$2.16	May 19, 1915
Main, South	Driveway at No. 383 (Emerson's)	16.44	.50	8.22	Nov. 1, 1915

TABLE No. 7A.

STREET PAVING (NEW).

Street.	Location.	Contractor.	Measured.	Tar Concrete. Square yards.	Bithulithic. Square yards.	Roc-Mac. Square yards.	Granite Blocks. Square yards.	Wood Blocks. Square yards.	Street Railway. Square yards.	Per Square yard.	Total cost.
Bridge	Maple, east side to Russell, east side	Warren Bros.	Nov. 12, 1915	.....	1,813.617	.....	.....	.....	.....	$2.67	$4,847.31
Bridge	Maple, east side to Russell, east side	Warren Bros.	Nov. 12, 1915	.....	465.769	.....	.....	.....	465.769	2.92	1,360.93
Bridge*	Maple, east side to Russell, east side	Warren Bros.	Nov. 12, 1915	.....	.....	.....	.....	152.71	152.71	4.37	667.62
Bridge, West†	Elm, west side, to B. & M. R. R.	City	Nov. 15, 1915	.....	.....	.....	3,302.351	.....	.....	4.54	14,999.31
Canal‡	West Auburn, south side, to Depot, south side	City	Nov. 15, 1915	.....	.....	.....	1,862.946	.....	.....	2.97	5,534.47
Canal‡	West Auburn, south side, to Depot, south side (relaid)	City	Nov. 15, 1915	.....	.....	.....	66.888	.....	.....	.20	13.38
Candia road	Hanover to town line	City and Jas. F. Cavanaugh	Dec. 21, 1915	.....	.....	18,712.34	.....	.....	.....	2.46	46,035.07
Depot	Elm, west side, to Franklin, east side	City	Nov. 15, 1915	.....	.....	.....	851.07	.....	.....	2.42	2,065.08
Derryfield lane	Chestnut, east side, to Pine, west side	Warren Bros.	Nov. 12, 1915	.....	495.562	.....	.....	.....	.....	2.52	1,250.63
Hanover	Candia road, westerly	City	Dec. 21, 1915	.....	.....	2,673.19	.....	.....	.....	2.27	6,072.21
Main, South	Ferry and Clinton, north side, to M. & N. W. R. R.	Warren Bros.	Nov. 12, 1915	.....	1,213.538	.....	.....	.....	.....	2.67	3,240.15
Main, South	Ferry and Clinton, north side, to M. & N. W. R. R.	Warren Bros.	Nov. 12, 1915	.....	101.622	.....	.....	.....	101.622	2.92	296.74
Main, South*	Ferry and Clinton, north side, to M. & N. W. R. R.	Warren Bros.	Nov. 12, 1915	.....	.....	.....	.....	50.811	50.811	4.37	222.04
Manchester	Chestnut, west side, to Union, east side	Warren Bros.	Nov. 10, 1915	.....	2,712.99	.....	.....	.....	.....	2.67	7,240.49
Manchester	Chestnut, west side, to Union, east side	Warren Bros.	Nov. 10, 1915	.....	553.55	.....	.....	.....	553.55	2.75	1,520.92
Manchester*	Chestnut, west side, to Union, east side	Warren Bros.	Nov. 10, 1915	.....	.....	.....	.....	201.66	.....	4.37	881.25
Manchester	Chestnut, southwest corner (recovered)	Warren Bros.	Nov. 10, 1915	.....	20.083	.....	.....	.....	.....	1.55	31.13
Nutfield lane	Hanover, southerly	Robie Con. Con. Co.	Oct. 14, 1914	91.00	.....	.....	.....	.....	.....	1.00	91.00
Pine	Hanover, north side, to Amherst, center line	Warren Bros.	Nov. 12, 1915	.....	830.994	.....	.....	.....	.....	2.65	2,200.81
Traction¶	East of Franklin to Canal, east corner	City	Nov. 15, 1915	.....	.....	.....	743.53	.....	.....	1.64	1,218.53
				91.00	8,207.725	21,385.53	6,826.785	405.181	1,324.462		$99,789.07§

* Wood blocks laid two courses lengthwise inside and outside each rail.
† Concrete foundation, pitch joints.
‡ Sand foundation, sand joints.
¶ Old blocks.
§ $19,665.53 paid by state on account of Hanover street and Candia road being a portion of the South Side road.

TABLE NO. 9.

STREET CROSSINGS (New)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Blaine	At South Main.....	36.50	$0.75	$27.37	Aug. 11, 1915

TABLE 10.

STREET CROSSINGS (Repairs)—Robie Consolidated Concrete Company, Contractors.

Street.	Location.	Square Yards.	Per Square Yard.	Total Cost.	Measured.
Putnam	At Flaherty lane	19.11	$0.50	$9.55	May 22, 1915
Traction, south side .	At Franklin west back.....	12.44	.50	6.22	Nov. 1, 1915

TABLE NO. 11.

SUMMARY OF TABLES Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10.

Description.	Table No.	Square yards.	Cost.
Sidewalks, repairs	1	10,723.99	$3,882.51
Sidewalks, new	2	1,669.80	964.22
Sidewalks, new (under law of 1913)	3	1,351.76	811.05
Sidewalks, new (under law of 1913)	4	1,217.15	730.31
Sidewalks, new	5	215.56	268.46
Street paving, repairs	6	77.08	289.61
Street paving, repairs	7	7,436.04	3,933.20
Street paving, new	7A	36,916.22	99,789.07
Miscellaneous	8	20.77	10.38
Street crossings, new	9	36.50	27.37
Street crossings, repairs	10	31.55	15.77
		59,696.42	$110,694.58

ABSTRACT REPORT OF THE COMMITTEE ON STREETS DURING THE YEAR 1915.

Personnel of the Committee.

Alderman from Ward 9, Euclide F. Geoffrion, Jr., Chairman.
Alderman from Ward 7, Gustav F. Wenzel.
Alderman from Ward 5, Charles S. Currier.

Tables Nos. 12, 13, 14, 15 and 16 have been compiled to be used in the annual report of the engineer's department in lieu of citing the records of the committee on streets in detail. The tables give information pertaining to the petitions that have been acted upon by the committee during the year 1915, also highways laid out and discontinued, and grades ordered established by the board of mayor and aldermen during the year.

Table No. 12 is a list of the petitions for new highways that have been acted upon by the committee during the year.

Table No. 13 is a list of the petitions for establishing grades that have been acted upon by the committee during the year.

Table No. 14 is a list of highways that have been laid out by the board of mayor and aldermen during the year.

Table No. 15 is a list of highway grades ordered established by the board of mayor and aldermen during the year.

Table No. 16 is a list of highways that have been discontinued by the board of mayor and aldermen during the year.

Distances are given in feet.

TABLE No. 12.

PETITIONS FOR NEW HIGHWAYS ACTED UPON BY THE COMMITTEE ON STREETS DURING THE YEAR 1915.

Location	Limits	Distance	Width	Petition of	Date of petition	Withdrawn	Granted
Boutwell east back..	Kelley to Bremer.....	550.00	20	George and C. Dionne ..	Apr. 27, '15	.....	Oct. 1, '15
Clement	Ingalls to Fenton	552.20	45	Carrie A. Dickey.....	June 29, '15	.....	Oct. 1, '15
Crossway road*	Goffstown road to Straw road	.....	..	Mary J. Greenwood....	Oct. 4, '15	Dec. 10, '15	.....
Dubuque east back..	Sullivan to Putnam.....	411.88	20	Joseph Rheault	Apr. 16, '15	.....	June 11, '15
Ellen court	Belmont to 293.85 feet easterly	293.85	20	Ellen Welcome	Nov. 11, '14	July 30, '15	.....
Ermin avenue	Forest to Avon	200.00	40	Carrie A. Dickey	June 29, '15	.....	Oct. 1, '15
Fenton	Sylvester to Alpine Ave..	706.88	45	Carrie A. Dickey	June 8, '15	.....	July 30, '15
Franklin west back*.	Granite to Traction.....	192.00	20	Charles D. Barnard....	Apr. 20, '15	.....	May 6, '15
Hayward†	Hall to Belmont.....	350.00	50	Agnes Bloomey	Dec. 14, '14	.....	.....
Lodge	Maple to Oak	300.65	50	E. L. Lodge.....	Mar. 19, '14	.....	Oct. 1, '15
Log*	Main east back to Colby.	720.00	40	West Side Lumber Co..	Jan. 22, '15	.....	Mar. 22, 15
Passageway	Hanover to Merrimack..	240.36	8	Frank A. Dockham.....	Dec. 15, '14	July 30, '15	.....
Plymouth	Rockland Ave. to 427 feet easterly	427.00	45	Patrick Quinn	Feb. 27, '15	.....	June 11, '15
Railroad	Whittemore Ave., northerly and westerly.....	2,269.46	40-50	Manchester Traction Lt. & Power Co.....	Dec. 7, '15	.....	Dec. 10, '15
Reed	Kelley to 200 ft. north...	200.00	50	Emile Houle	Oct. 15, '15	.....	Dec. 10, '15
Reed	Kelley to Bremer.....	600.00	50	Emile Houle	Nov. 5, '14	Dec. 10, '15	.....
Reed	Bremer to Mason.....	750.00	50	Joseph Brouillette	Feb. 27, '15	.....	Mar. 22, '15
Shirley Hill road...	Mast Rd. to Rockland Ave.	640.00	66	Bernhard M. Wolf.....	Oct. 28, '15	.....	Dec. 10, '15
Silver	Belmont to Taylor.....	603.00	50		Mar. 10, '14	.....	Apr. 13, '15
Walnut	North of Webster to 341.4 feet northerly	341.40	50	Melvin E. Scarlett..... Arthur F. Way.....	June 21, '15	.....	July 30, '15
Youville*	Amory to Kelley	446.45	50	Rev. A. J. Leclerc.....	Sept. 15, '15	.....	Oct. 1, '15
Youville east back‡..	Amory to Kelley	428.66	20	Rev. A. J. Leclerc.....	Sept. 21, '15	.....	Oct. 1, '15
Youville east back...	Kelley to Bremer.....	550.00	20	Emile Hebert	June 17, '15	.....	Oct. 1, '15
		9,404.28					

*Petition for discontinuance.
†Laid over July 30, 1915.
‡Petition for discharging from public servitude.

SUMMARY.

Whole number of petitions acted upon	23		Total length of highways petitioned for	7,617.17	
Granted a hearing	..	18	Total length of highway discontinuances petitioned for	1,787.11	
Granted leave to withdraw	..	4	Granted a hearing	.....	7,920.07
Laid over	..	1	Granted leave to withdraw	.....	1,134.21
			Laid over	.....	350.00
	23	23		9,404.28	9,404.28

TABLE No. 13.

PETITIONS FOR ESTABLISHING GRADE ACTED UPON BY THE COMMITTEE ON STREETS DURING THE YEAR 1915.

Location	Limits	Distance	Width	Petition of	Date of petition	Withdrawn	Granted
Boutwell east back..	Kelley to Bremer.....	550.00	20	George and C. Dionne ..	Apr. 27, '15	.....	Oct. 1, '15
Clement	Ingalls to Fenton	552.20	45	Carrie A. Dickey.....	June 29, '15	.....	Oct. 1, '15
Columbus avenue....	Amory to Wayne.....	399.03	50	Joseph Caron	Aug. 14, '15	.....	Oct. 1, '15
Concord	Pine to Union.....	460.00	42	Charles D. Barnard....	Apr. 20, '15	.....	June 11, '15
Douglas*	Main to West.....	397.00	40	Gustav F. Wenzel.....	Apr. 20, '15	.....	Oct. 1, '15
Dubuque east back..	Sullivan to Putnam.....	411.88	20	Joseph Rheault	Apr. 16, '15	.....	June 11, '15
Ellen court	Belmont to 293.85 feet easterly	293.85	20	Ellen Welcome	Nov. 11, '14	July 30, '15	.....
Ermin avenue	Forest to Avon	200.00	40	Fred A. Rowell.....	June 29, '15	.....	Oct. 1, '15
Fenton	Sylvester to Alpine Ave..	706.88	45	Herbert F. Hardy.....	July 8, '15	.....	July 30, '15
Hayward	Beech to Maple	600.00	50	Romeo Poisson	Oct. 3, '14	.....	Oct. 1, '15
Hayward†	Hall to Belmont	300.00	50	Adelard Lemay	Mar. 19, '14	.....	.....
Lafayette	Amory to Kelley.....	613.88	50	Lucien F. Loiselle	Feb. 13, '15	.....	Mar. 22, '15
Lodge	Maple to Oak	300.65	50	E. L. Lodge.....	Mar. 19, '14	.....	Oct. 1, '15
Main*	Granite to Douglas.....	336.00	53-76	Gustav F. Wenzel.....	Apr. 20, '15	.....	Oct. 1, '15
Main*	Douglas to Conant	307.00	50	Gustav F. Wenzel.....	Apr. 20, '15	.....	Oct. 1, '15
Pearl	Union to Walnut	220.00	50	Holy Cross Polish Church	May 19, '15	.....	June 11, '15
Pine*	Hanover to Amherst....	266.00	40	N. H. Fire Ins. Co.....	July 20, '15	.....	Oct. 1, '15
Pine	Amherst to Concord.....	300.00	40	Charles D. Barnard....	Apr. 20, '15	.....	June 11, '15
Pine	Concord to Seneca lane..	100.00	40	Charles D. Barnard....	Apr. 20, '15	.....	June 11, '15
Plymouth	Rockland Ave. to 427 feet easterly	427.00	45	Patrick Quinn	Feb. 27, '15	.....	June 11, '15
Putnam	Cumberland to Railroad.	260.00	50	Alfred Charest	Oct. 21, '14	Dec. 10, '15	.....
Putnam	Cumberland to Railroad.	260.00	50	Frank Vallee	June 28, '15	.....	Dec. 10, '15
Railroad	Whittemore Ave., northerly and westerly.....	2,269.46	40-50	Manchester Traction Lt. & Power Co.....	Dec. 7, '15	.....	Dec. 10, '15
Reed	Kelley to 200 ft. north...	200.00	50	Emile Houle	Oct. 15, '15	.....	Dec. 10, '15
Reed	Kelley to Bremer.....	600.00	50	Emile Houle	Nov. 5, '14	Dec. 10, '15	.....
Reed	Bremer to Mason.....	750.00	50	Joseph Brouillette	Feb. 27, '15	.....	Mar. 22, '15
Shirley Hill road...	Mast Rd. to Rockland Ave.	640.00	66	Bernhard M. Wolf.....	Oct. 28, '15	.....	Dec. 10, '15

*Petition for changing grade.
†Laid over July 30, 1915.

Silver	Belmont to Taylor	553.00	50	Melvin E. Scarlett	Mar. 10, '14	.....	Apr. 13, '15
Walnut	North of Webster to 341.4 feet northerly	341.40	50	Arthur F. Way	June 21, '15	.....	July 30, '15
Youville east back	Kelley to Bremer	550.00	20	Emile Hebert	June 17, '15	.....	Oct. 1, '15
		13,243.83					

SUMMARY.

Whole number of petitions acted upon	30		Total length of highway grades petitioned for	13,243.83	
Granted a hearing	..	26	Granted a hearing	.....	11,789.98
Granted leave to withdraw	..	3	Granted leave to withdraw	.....	1,153.85
Laid over	..	1	Laid over	.....	300.00
	30	30		13,243.83	13,243.83

TABLE No. 14.

HIGHWAYS LAID OUT BY THE BOARD OF MAYOR AND ALDERMEN DURING THE YEAR 1915.

Location	Limits	Length	Width	Laid out	Petition of	Date of petition	Hearing recommended
Boutwell east back	Kelley to Bremer	550.00	20	Nov. 5, 1915	George and C. Dionne	Apr. 27, '15	Oct. 1, '15
Clement	Ingalls to Fenton	552.20	45	Nov. 5, 1915	Carrie A. Dickey	June 29, '15	Oct. 1, '15
Dubuque east back	Sullivan to Putnam	411.88	20	July 28, 1915	Joseph Rheault	Apr. 16, '15	June 11, '15
Fenton	Sylvester to Alpine Ave.	706.88	45	Aug. 25, 1915	Carrie A. Dickey	June 8, '15	July 30, '15
Lodge	Maple to Oak	300.65	50	Nov. 5, 1915	E. L. Lodge	Mar 19, '14	Oct. 1, '15
Reed	Bremer to Mason	750.00	50	Apr. 30, 1915	Joseph Brouillette	Feb. 27, '15	Mar. 22, '15
Silver	Belmont to Taylor	603.00	50	June 1, 1915	Melvin E. Scarlett	Mar. 10, '14	Apr. 13, '15
		3,874.61					

TABLE No. 15.

HIGHWAY GRADES ORDERED ESTABLISHED BY THE BOARD OF MAYOR AND ALDERMEN DURING THE YEAR 1915.

Location	Limits	Length	Width	Petition of	Date of petition	Ordered passed
Boutwell east back..	Kelley to Bremer.....	550.00	20	George and C. Dionne	Apr. 27, '15	Nov. 5, '15
Clement	Ingalls to Fenton	552.20	45	Carrie A. Dickey.....	June 29, '15	Nov. 5, '15
Columbus avenue....	Wayne to Amory	399.03	50	Joseph Caron	Aug. 14, '15	Nov. 5, '15
Concord	Pine to Union.....	460.00	42	Charles D. Barnard	Apr. 20, '15	July 28, '15
Dubuque east back..	Putnam to Sullivan	411.88	20	Joseph Rheault	Apr. 16, '15	July 28, '15
Fenton	Sylvester to Alpine Ave..	706.88	45	Herbert F. Hardy.....	June 8, '15	Aug. 25, '15
Hayward	Beech to Maple	600.00	50	Romeo Poisson	Oct. 3, '14	Nov. 5, '15
Lodge	Maple to Oak	300.65	50	E. L. Lodge.....	Mar. 19, '14	Nov. 5, '15
Pearl	Union to Walnut	220.00	50	Holy Cross Polish Church...	May 19, '15	July 28, '15
Pine*	Hanover to Amherst....	266.00	40	N. H. Fire Ins. Co.....	July 20, '15	Nov. 5, '15
Pine	Amherst to Concord.....	300.00	40	Charles D. Barnard.....	Apr. 20, '15	July 28, '15
Pine	Concord to Seneca lane..	100.00	40	Charles D. Barnard.....	Apr. 20, '15	July 28, '15
Reed	Bremer to Mason.....	750.00	50	Joseph Brouilette	Feb. 27, '15	Apr. 30, '15
Silver	Belmont to Taylor.....	553.00	50	Melvin E. Scarlett.....	Mar. 10, '14	June 1, '15
		6,139.64				

*Changing grade

TABLE No. 16.

HIGHWAYS DISCONTINUED BY THE BOARD OF MAYOR AND ALDERMEN DURING THE YEAR 1915.

Location	Limits	Distance	Width	Petition of	Date of petition	Hearing recommended	Discontinued
Franklin west back..	Traction to Granite	192.00	20	Charles D. Barnard....	Apr. 20, '15	May 6, '15	June 25, '15
Log	Main east back to Colby..	720.00	40	West Side Lumber Co...	Jan. 22, '15	Mar. 22, 15	Apr. 30, '15
Youville	Amory to Kelley	446.45	50	Rev. A. J. Leclerc.....	Sept. 15, '15	Oct. 1, '15	Nov. 5, '15
Youville east back*..	Amory to Kelley	428.66	20	Rev. A. J. Leclerc.....	Sept. 21, '15	Oct. 1, '15	Nov. 5, '15
		1,787.11					

*Highway released from public servitude.

ABSTRACT REPORT OF THE COMMITTEE ON SEWERS AND DRAINS FOR THE YEAR 1915.

Personnel of the Committee.

Alderman from Ward 8, Arthur T. Beaumier, Chairman.
Alderman from Ward 2, Charles F. McDonald.
Alderman from Ward 6, Harry R. Bennett.

Tables Nos. 17, 18, 19, 20, 21, 22 and 23 have been compiled to be used in the annual report of the Engineer's Department in lieu of citing the records of the committee on sewers and drains in detail. The tables give information pertaining to the petitions, orders for sewers passed by the city councils, sewers built and not built up to January 1, 1916.

Table No. 17 is a list of petitions that have been acted upon during the year, also the manner in which and date when each petition was acted upon and disposed of by the committee.

Table No. 18 is a list of sewers ordered in up to January 1, 1915, giving the distances built, distances built in excess of order, and distances remaining unbuilt up to January 1, 1916.

Table No. 19 is a list of sewers ordered built during the year 1915, giving the distances built, distances ordered in that are unnecessary, and distances remaining unbuilt up to January 1, 1916.

Table No. 20 is a list of sewers built in 1915, not ordered in by the board of mayor and aldermen.

Table No. 21 is a list of pipe removed where sewers have been rebuilt.

Table No. 22 is a list of sewers ordered in but not built up to January 1, 1916. The table is compiled from the first, second, fourth and eighth columns of Tables Nos. 18 and 19.

Table No. 23 is a summary of Tables Nos. 18 and 19.

TABLE No. 17.

PETITIONS ACTED UPON BY THE COMMITTEE ON SEWERS AND DRAINS DURING THE YEAR 1915.

Location	Limits	Distance	Petition of	Date of petition	Referred to mayor and aldermen	Granted
Adams, North	North of Clarke to Carpenter	897	Benjamin F. Sleeper	Oct. 29, '12	.....	Aug. 23, '15
Candia road	Mammoth road to Revere avenue	593	E. A. Leavitt	July 15, '14	.....	Aug. 23, '15
Cilley road	East of Hall to Belmont	279	Daniel S. Kimball	June 3, '15	.....	Aug. 23, '15
Davis	Agawam to Victoria	170	Denis Morrissette	June 2, '13	Aug. 23, '15	.....
Grove	West of Willow to Willow	103	McLane & Taylor	Oct. 7, '14	.....	Aug. 23, '15
Hanover	Cemetery brook to Maryland avenue	1,100	George F. Millar	Mar. 14, '14	Aug. 23, '15	.....
Lafayette	Amory to Kelley	663	Lucien F. Loiselle	Feb. 13, '15	.....	Aug. 23, '15
Main, South	A to McDuffie	908	William J. Arnold	Jan. 14, '15	.....	Aug. 23, '15
Manning	Hall to Belmont	366	Mrs. Annie McLaughlin	Aug. 4, '14	.....	Aug. 23, '15
Montgomery	South of Mason to Bremer	580	Martin Gallagher	July 2, '15	.....	Aug. 23, '15
Nelson	Mammoth road to Grand avenue	500	George F. Millar	Mar. 14, '14	Aug. 23, '15	.....
Private land	Grand avenue to Hanover	1,700	George F. Millar	Mar. 14, '14	Aug. 23, '15	.....
Private land	Union to Walnut	335	Arthur F. Way	June 21, '15	Aug. 23, '15	.....
Private land	Victoria to Merrimack river	130	Denis Morrissette	June 2, '13	Aug. 23, '15	.....
Railroad	North of Whittemore avenue southerly 600 feet	600	George Knoettner	Dec. 12, '14	.....	Aug. 23, '15
Reed	Kelley, northerly 185 feet	185	Emile Houle	Jan. 22, '15	.....	Aug. 23, '15
Reed	Bremer to Mason	800	Joseph Brouillette	Feb. 27, '15	.....	Aug. 23, '15
Taylor	Holly avenue to Vinton	457	R. P. Stevens	Jan. 19, '14	.....	Aug. 23, '15
Victoria	Davis to B. & M. R. R.	906	Denis Morrissette	June 21, '13	Aug. 23, '15	.....
Vinton	Taylor, easterly 800 feet	800	R. P. Stevens	Jan. 19, '14	.....	Aug. 23, '15
Vinton	Taylor, westerly 200 feet	200	R. P. Stevens	Jan. 19, '14	.....	Aug. 23, '15
Willow	Summer to Grove	540	McLane & Taylor	Oct. 7, '14	.....	Aug. 23, '15
		12,812				

TABLE No. 18.

SEWERS ORDERED IN BUT NOT BUILT UP TO JANUARY 1, 1915.

Location	Limits	Distance	Date of order	Built during 1915		Not needed	Not built
				Distance	Excess	Distance	Distance
Adams, North	Carpenter to Trenton	268	Dec. 19, 1902	...	...	...	268
Agawam	River road to Davis	74	Dec. 6, 1910	...	...	...	74
Ainsworth avenue	Hayward to Young	155	May 2, '1893	...	...	...	155
Amherst	Union to Ashland	2,600	May 31, 1905	...	...	...	2,600
Albert	Harrison to Brook	366	Jan. 23, 1906	...	...	...	366
Alsace	Bremer, northerly	350	May 7, 1912	...	...	...	350
Amory	Alsace to Joliette	60	Oct. 7, 1902	...	...	...	60
Amory	Congress to Kimball	248	Dec. 6, 1910	...	...	...	248
Auburn	Cypress, easterly	300	May 2, 1899	...	...	...	500
Auburn south back	Hall, easterly	150	Jan. 7, 1896	...	...	...	150
Babel	Bismarck to Forest	77	June 3, 1913	...	...	...	77
Bartlett	Sullivan, southerly	127	Mar. 6, 1906	...	...	...	127
Batchelder avenue	Hayward to Harvard	452	Apr. 21, 1914	...	...	...	452
Bay	Clarke to Carpenter	139	Apr. 14, 1903	...	...	...	139
Beacon	Concord to Lowell	161	Dec. 6, 1910	...	...	...	161
Beech	Shasta to Willow	825	May 7, 1912	...	...	...	825
Beech	Somerville to Shasta	192	Nov. 23, 1906	...	...	...	192
Beech	Bridge to Orange	573	Dec. 6, 1906	...	...	...	573
Beech	Salmon to North	525	Dec. 3, 1912	...	...	...	525
Bell	Wentworth to Second	560	June 3, 1913	...	...	...	560
Bell	Second to Hale	295	Aug. 14, 1911	...	...	...	295
Belmont	Old Bridge to Bridge	200	Jan. 7, 1896	...	...	...	200
Blaine	Second to Hiram	228	Dec. 6, 1892	...	...	...	228
Blaine	Second to Third	107	May 2, 1905	...	...	...	107
Boutwell	Kelley, southerly	18	Nov. 7, 1911	...	...	...	18
Boutwell	Kelley, northerly	400	Nov. 7, 1911	...	...	...	400
Bowman	Mast to Milford	455	Oct. 7, 1902	...	...	...	455
Boynton	Bank to Allen	539	May 7, 1912	...	...	...	539
Bremer	Reed to Alsace	110	Nov. 4, 1913	...	...	...	110
Brock	Milford, northerly	75	Nov. 19, 1912	...	...	...	75

Brook	Maple to Oak	155	June 2, 1907	...	...	...	155
Burgess	East High to Lowell	130	Nov. 19, 1912	...	...	...	130
Byron	Brown avenue to Josselyn	225	Sept. 27, 1909	...	...	...	225
Cartier east back	South of Sullivan southerly	50	July 16, 1912	...	...	...	50
Cedar south back	Beech, westerly	175	May 5, 1896	...	...	...	175
Cedar south back	Maple to Lincoln	96	May 13, 1903	...	...	...	96
Cedar south back	Hall, easterly 125 feet	125	Nov. 4, 1913	138	13	...	...
Central	Milton to Beacon	307	Sept. 6, 1898	...	...	...	307
Chestnut	Carpenter to Trenton	147	Oct. 7, 1902	...	...	...	147
Cilley road	Hall, easterly 85 feet	85	Apr. 21, 1914	85	...	...	...
Cilley road	Taylor, easterly 225 feet	29	June 3, 1913	...	...	...	29
Clarke	Elm to Chestnut	290	Apr. 14, 1903	...	...	...	290
Clay	Union to Beech	492	Nov. 27, 1908	...	...	...	492
Clay	Lincoln to Wilson	232	July 21, 1908	...	...	...	232
Clay	Taylor to Cypress	246	July 21, 1908	...	...	...	246
Colby	West Hancock to Log	270	June 12, 1906	...	...	...	270
Concord	Pine east back to Union	152	Sept. 12, 1899	61	...	...	91
Concord	Dutton, westerly	87	Feb. 2, 1904	...	...	...	97
Concord	Hall, easterly	86	Sept. 6, 1887	...	...	...	86
Concord	Belmont to Beacon	500	Oct. 20, 1914	393	...	107	...
Concord	Weston to Hubbard	101	Sept. 27, 1905	...	...	...	101
Congress	Amory, southerly	200	Feb. 14, 1912	154	...	...	46
Coolidge avenue	Rimmon, southerly 780 feet	780	Mar. 18, 1913	...	...	...	780
Cumberland	Amory to Monitor	156	Aug. 3, 1909	156	...	...	...
Cumberland	Amory to Monitor	650	Dec. 6, 1910	...	...	650	...
Cumberland	Monitor, southerly 100 feet	100	Apr. 21, 1914	42	...	...	58
Cypress	Clay to Somerville	325	May 7, 1912	...	...	...	325
D	Mast, westerly	52	July 16, 1912	...	...	...	52
Dartmouth	Woodbury, southerly 426 feet	426	May 5, 1914	...	...	...	426
Dix	Maple to Lincoln	97	Aug. 14, 1911	...	...	...	97
Dix	Lincoln to Wilson	670	Dec. 6, 1910	...	...	...	670
Dix	Wilson to Hall	89	Sept. 27, 1905	...	...	...	89
Dix	Taylor to Cypress	442	July 15, 1904	...	...	...	442
Dover	Clinton, northerly	160	Sept. 4, 1894	...	...	...	160
Dutton	Concord, easterly	300	Feb. 2, 1904	...	...	...	300
Elm	Railroad bridge to Elm avenue	1,285	May 6, 1890	...	...	...	1,285
Elm	Monroe south back to Clarke	599	June 4, 1895	...	...	...	599
Elm	Trenton to Rowell	448	Feb. 4, 1896	...	...	...	448
Erie	So. Main, westerly 400 feet	400	May 29, 1914	...	...	...	400
Foster avenue	Valley to Hayward	140	July 14, 1896	...	...	...	140
Front	Eddy to north of hotel	2,700	Sept. 5, 1893	375	...	...	2,325
Gates	Dubuque, westerly	135	July 16, 1912	...	...	...	135
George	North of Milford to Charleston Ave.	32	Oct. 7, 1902	...	...	...	32
Grove south back	Wilson, easterly	200	Nov. 2, 1897	...	...	...	200
Hall	Clay to Dix	250	Dec. 19, 1902	...	...	...	250
Hall	Howe to Shasta	250	June 17, 1913	340	90	...	...

TABLE No. 18—*Continued.*

SEWERS ORDERED IN BUT NOT BUILT UP TO JANUARY 1, 1915.

Location	Limits	Distance	Date of order	Built during 1915		Not needed	Not built
				Distance	Excess	Distance	Distance
Hall	Lowell to East High	143	July 25, 1902	...	...	...	143
Hall road	Massabesic to Nelson	601	Aug. 5, 1898	...	...	...	601
Hale	Schiller, southerly	450	Nov. 9, 1894	...	...	...	450
Harrison	Linden, easterly	52	Nov. 23, 1906	...	...	...	52
Harrison	Maple to Oak	350	Oct. 3, 1899	...	...	...	350
Harrison	East of Linden to Hall	477	Dec. 6, 1910	...	...	...	477
Harrison	Belmont, westerly	65	Sept. 1, 1896	...	...	...	65
Harvard	Lincoln to Wilson	420	Dec. 6, 1910	...	...	...	420
Harvard	Belmont to Taylor	602	Nov. 19, 1912	478	...	124	...
Harvell	Hale to South Main	700	Nov. 9, 1894	...	...	...	700
Hayward	East of Union to Beech	355	July 16, 1912	...	...	...	355
Hayward	Beech to Maple	142	Dec. 6, 1910	...	...	...	142
Hayward	Ainsworth avenue to Cypress	148	Sept. 7, 1897	...	...	...	148
Hayward	Porter to Riley avenue	950	May 29, 1914	298	...	...	652
Hevey	Amory, southerly 200 feet	200	June 3, 1913	192	...	8	...
Hevey east back	South of Amory to Columbus Ave	396	July 10, 1892	...	...	...	396
High, East	Weston to Highland	288	Nov. 4, 1913	...	...	...	288
Highland	Hanover to Amherst	368	Nov. 4, 1913	321	...	47	...
Highland	Lowell to East High	74	Aug. 14, 1911	...	...	...	74
Highland avenue	Wilkins to Fogg avenue	360	June 3, 1913	...	...	...	360
Hilton	Hanover to Amherst	368	Nov. 4, 1913	...	...	...	368
Hosley	Grove to Summer	116	June 26, 1903	...	...	...	116
Hospital avenue	Chase avenue to Massabesic	142	Sept. 14, 1904	...	...	...	142
Hubbard	North of Amherst northerly	200	Nov. 19, 1912	.	...	...	200
Huntress	Prince to McDuffie	163	Nov. 3, 1903	.	...	...	163
Huntress	McDuffie to Bank	174	Dec. 6, 1910	...	...	...	174
Joliette	North of Kelley, northerly	53	May 7, 1912	...	...	...	53
Jones	Nelson to Benton	285	Aug. 5, 1898	...	...	...	285
Knowlton	Hayward, southerly	67	Nov. 23, 1906	...	...	...	67
Knowlton	Hayward, southerly	492	July 21, 1908	...	...	492	...
Laval	Kelley, northerly	615	Nov. 7, 1911	...	...	...	615
Lincoln	Silver to Clay	248	July 21, 1908	...	...	...	248
Litchfield lane	Chestnut to Union	814	July 9, 1901	...	...	...	814

Mammoth road	No. 155 to Young	633	Nov. 27, 1908	...	...	...	633
Mammoth road	Massabesic to Nelson	32	May 2, 1899	...	...	...	32
Mammoth road	Nelson, northerly	500	Aug. 5, 1898	...	...	...	500
Mammoth road	North of Nelson to Hanover	1,280	June 26, 1911	...	...	...	1,280
Maple	Prospect to Harrison	99	Oct. 19, 1905	...	...	...	99
Massabesic	Hall road to Mammoth road	831	Mar. 2, 1899	...	...	...	831
Mast	Brock to Warner	660	June 3, 1913	...	...	...	660
Mast road	Wilkins to Gove	1,135	Apr. 21, 1914	1,093	...	42	...
Merrill	Jewett, easterly	34	June 5, 1900	...	...	...	34
Merrill	Woodman, westerly 300 feet	100	Nov. 4, 1913	...	...	...	100
Montgomery east back	Kelley to Bremer	150	Dec. 31, 1901	...	...	...	150
Morgan	Amory to Kelley	700	June 3, 1913	...	...	...	700
Mystic avenue	Candia road to Longwood avenue	471	May 5, 1914	250	...	...	221
Oakland avenue	Revere avenue to Woodland avenue.	1,070	Dec. 13, 1905	...	...	...	1,070
Pine	Silver to Plummer	320	Oct. 3, 1899	...	...	...	320
Pine east back	Bell south back to Valley	134	Feb. 14, 1912	...	...	...	134
Pine east back	South of Concord to Concord	160	Sept. 12, 1899	...	...	160	...
Prescott	Maple, easterly	21	June 26, 1903	...	...	...	21
Prescott	Hall, westerly	80	Oct. 1, 1907	...	...	...	80
Prospect	Hall, easterly	100	Sept. 3, 1895	...	...	...	100
Putnam	Cumberland, easterly 286 feet	286	May 29, 1914	...	...	...	286
Ray	Carpenter to Trenton	76	Sept. 18, 1911	...	...	...	76
Reed east back	Amory to Kelley	104	Oct. 1, 1907	60	...	44	...
Reed east back	Kelley to Bremer	455	Feb. 14, 1912	...	...	...	455
Riley avenue	South of Hayward, southerly 150 feet	75	Aug. 3, 1909	...	...	...	75
Rimmon	South of Wayne to Putnam	164	Aug. 6, 1901	...	...	...	164
Rimmon east back	Kelley to Mason	800	Sept. 7, 1897	...	...	...	800
Sagamore	Chestnut to Pine	294	July 31, 1903	...	...	...	294
Sagamore	Linden, easterly 150 feet	50	Sept. 9, 1909	244	194	...	...
Salmon	Beech to Ash	126	Sept. 7, 1909	...	...	...	126
Second	Bell, southerly	60	Aug. 14, 1911	...	...	...	60
Shasta	Maple to Lincoln	214	Dec. 6, 1910	...	...	...	214
Shasta	Lincoln, easterly 200 feet	200	Nov. 4, 1913	...	...	...	200
Somerville	Union to Maple	165	Aug. 2, 1898	...	...	...	165
Somerville	Hall to West of Cypress	184	Dec. 19, 1902	...	...	...	184
Somerville	Jewett, easterly 250 feet	250	Aug. 3, 1909	...	...	...	250
Spruce, East	Kenney, westerly	95	Apr. 2, 1907	...	...	...	95
Stevens	Baker, southerly	178	Nov. 19, 1912	...	...	...	178
Sullivan	Thornton, westerly 500 feet	146	June 7, 1910	...	...	...	146
Summer	Hall to Belmont	247	June 27, 1910	...	...	...	247
Tannery brook	Merrimack river to Calef road	3,700	Apr. 21, 1914	...	...	...	3,700
Taylor	South of Valley, southerly	75	Oct. 2, 1900	...	...	...	75
Thornton	Wayne to Putnam	155	Mar. 6, 1906	...	...	...	155
Union	Clarke to Trenton	180	July 2, 1895	...	...	...	180
Union	Trenton, northerly	401	Oct. 7, 1902	...	...	...	401
Union east back	South of Christian brook, southerly	50	Aug. 6, 1895	...	...	...	50

TABLE No. 18—*Concluded.*

SEWERS ORDERED IN BUT NOT BUILT UP TO JANUARY 1, 1915.

Location	Limits	Distance	Date of order	Built during 1915		Not needed	Not built
				Distance	Excess	Distance	Distance
Valley	Cypress, westerly	133	Jan. 4, 1897	...	...	...	133
Valley	Elm to Wilson	2,396	Nov. 7, 1893	...	...	...	2,396
Valley	East of Jewett to Massabesic	305	Nov. 7, 1911	...	...	...	305
Walnut	Salmon, southerly	17	Jan. 29, 1897	...	...	...	17
Walnut	Webster, northerly	46	July 31, 1903	...	...	...	46
Walnut east back	Salmon, northerly	88	Nov. 10, 1896	...	...	...	88
Warner	Mast, northerly 950 feet	950	June 17, 1913	...	...	...	950
Warner	Wilkins, southerly 150 feet	24	Aug. 3, 1909	...	...	...	24
Wayland avenue	Mammoth road to Revere avenue	410	Sept. 17, 1912	...	...	...	410
Weston	Bridge to Lowell	687	Dec. 6, 1910	...	...	...	687
William	Milford to Mast	522	Oct. 3, 1899	...	...	...	522
Woodbine avenue	Oakland avenue to Glenwood avenue	374	June 17, 1913	100	...	...	274
Woodbine avenue	Longwood avenue to Candia road	341	June 26, 1911	...	...	...	341
Youville	Kelley, northerly 200 feet	92	Aug. 15, 1910	...	...	...	92
		59,082		4,780	297	1,674	52,925

TABLE No. 19.

SEWERS ORDERED IN DURING THE YEAR 1915.

Location	Limits	Distance	Date of order	Built during 1915		Not needed	Not built
				Distance	Excess	Distance	Distance
Adams, North	North of Clarke to Carpenter	897	Sept. 21, 1915	...	...	...	897
Candia road	Mammoth road to Revere avenue	593	Sept. 21, 1915	...	...	...	593
Cilley road	East of Hall to Belmont	279	Sept. 21, 1915	171	...	...	108
Grove	West of Willow to Willow	103	Sept. 21, 1915	...	...	...	103
Lafayette	Amory to Kelley	663	Sept. 21, 1915	...	...	...	663
Main, South	A to McDuffie	908	Sept. 21, 1915	...	...	...	908
Manning	Hall to Belmont	366	Sept. 21, 1915	...	...	...	366
Montgomery	South of Mason to Bremer	580	Sept. 21, 1915	495	...	85	...
Railroad	North of Whittemore avenue, southerly 600 feet	600	Sept. 21, 1915	424	...	...	176
Reed	Kelley, northerly 185 feet	185	Sept. 21, 1915	...	...	...	185
Reed	Bremer to Mason	800	Sept. 21, 1915	...	...	...	800
Taylor	Holly avenue to Vinton	457	Sept. 21, 1915	...	...	...	457
Vinton	Taylor, easterly 800 feet	800	Sept. 21, 1915	...	...	...	800
Vinton	Taylor, westerly, 200 feet	200	Sept. 21, 1915	...	...	...	200
Willow	Summer to Grove	540	Sept. 21, 1915	...	...	...	540
		7,971		1,090	...	85	6,796

TABLE No. 20.

SEWERS BUILT IN 1915 WITHOUT AN ORDER.

Location	Limits	Distance
Allen	West of South Main, westerly	450
Amherst	Highland, easterly	175
Amherst	Highland, westerly	80
Bartlett	Angle, easterly	42
Beacon*	Hanover, northerly	185
Beacon	Lowell, northerly	216
Beech†	Valley, southerly	148
Bremer	Rimmon to Hevey east back	144
Central ‡	Hall road, westerly	95
Coolidge Ave. west back§	South of Labrecque, southerly	490
Coolidge Ave. west back.	Mason, southerly	150
Derryfield lane§	Chestnut to Pine	346
Essex	South of Amory to south of Monitor	114
Exeter avenue¶	Hayward, southerly	21
Fourth east back	Ferry, northerly	132
Goffstown road	Front, westerly	1,109
Hampshire lane§	West Central to Pleasant	236
Hevey	North of Bremer, northerly	295
Kidder	Canal east back to Whitney	468
Kelley†	East of Piscataquog river, easterly	506
Lamprey	Mast road, westerly	94
Lodge	Maple, easterly	177
Mason	Montgomery to Reed	270
Massabesic	West of Spruce, westerly	98
Myrtle*	Oak, easterly	206
Mystic avenue	Glenwood avenue, southerly	178
Oak	Myrtle, northerly	106
Pine§	Derryfield lane, northerly	88
Private land‡	Lake avenue to north of Central	422
Prospect§	East of Russell, easterly	124
Rimmon	Bremer to Quirin south back	144
Seneca lane§	Pine, easterly	170
		7,479

*Part relaid.

†For cesspools.

‡To drain obnoxious mud hole.

§Relaid.

¶On account of macadamizing.

TABLE No. 21.

PIPE REMOVED WHERE SEWERS HAVE BEEN RELAID.

Location	Limits	Pipe removed			Pipe laid		
		Material	Size in inches	Length in feet	Material	Size in inches	Length in feet
Beacon	Hanover, northerly	Akron	10	41	Akron	10	41
Coolidge avenue west back	South of Labrecque, southerly	Portland	10	52	Akron	12	52
Coolidge avenue west back	South of Labrecque, southerly	Akron	10	368	Akron	12	368
Derryfield lane	Chestnut to Pine	Akron	12	320	Akron	12	320
Hampshire lane	West Central to Pleasant	Cement	12	40	Akron	22	40
Hampshire lane	West Central to Pleasant	Cement	12	22	Akron	20	22
Hampshire lane	West Central to Pleasant	Cement	12	174	Akron	18	174
Myrtle	Oak, easterly	Akron	10	110	Akron	10	110
Pine	Derryfield lane, northerly	Akron	10	95	Akron	10	88
Prospect	East of Russell, easterly	Akron	24	124	Akron	24	124
Seneca lane	Pine, easterly	Akron	12	170	Akron	12	170
				1,516			1,509

TABLE No. 22.

SEWERS ORDERED IN BUT NOT BUILT UP TO JANUARY 1, 1916.

Location	Limits	Distance	Date of order
Adams, North	North of Clarke to Carpenter	897	Sept. 21, 1915
Adams, North	Carpenter to Trenton	268	Dec. 19, 1902
Agawam	River road to Davis	74	Dec. 6, 1910
Ainsworth avenue	Hayward to Young	155	May 2, 1893
Amherst	Union to Ashland	2,600	May 31, 1905
Albert	Harrison to Brook	366	Jan. 23, 1906
Alsace	Bremer, northerly	350	May 7, 1912
Amory	Alsace to Joliette	60	Oct. 7, 1902
Amory	Congress to Kimball	248	Dec. 6, 1910
Auburn	Cypress, easterly	300	May 2, 1899
Auburn south back	Hall, easterly	150	Jan. 7, 1896
Babel	Bismarck to Forest	77	June 3, 1913
Bartlett	Sullivan, southerly	127	Mar. 6, 1906
Batchelder avenue	Hayward to Harvard	452	Apr. 21, 1914
Bay	Clarke to Carpenter	139	Apr. 14, 1903
Beacon	Concord to Lowell	161	Dec. 6, 1910
Beech	Shasta to Willow	825	May 7, 1912
Beech	Somerville to Shasta	192	Nov. 23, 1906
Beech	Bridge to Orange	573	Dec. 6, 1906
Beech	Salmon to North	525	Dec. 3, 1912
Bell	Wentworth to Second	560	June 3, 1913
Bell	Second to Hale	295	Aug. 14, 1911
Belmont	Old Bridge to Bridge	200	Jan. 7, 1896
Blaine	Second to Hiram	228	Dec. 6, 1892
Blaine	Second to Third	107	May 2, 1905
Boutwell	Kelley, southerly	18	Nov. 7, 1911
Boutwell	Kelley, northerly	400	Nov. 7, 1911
Bowman	Mast to Milford	455	Oct. 7, 1902
Boynton	Bank to Allen	539	May 7, 1912
Bremer	Reed to Alsace	110	Nov. 4, 1913
Brock	Milford, northerly	75	Nov. 19, 1912
Brook	Maple to Oak	155	June 2, 1907
Burgess	East High to Lowell	130	Nov. 19, 1912
Byron	Brown avenue to Josselyn	225	Sept. 27, 1909
Candia road	Mammoth road to Revere avenue	593	Sept. 21, 1915
Cartier east back	South of Sullivan, southerly	50	July 16, 1912
Cedar south back	Beech, westerly	175	May 5, 1896
Cedar south back	Maple to Lincoln	96	May 13, 1903
Central	Milton to Beacon	307	Sept. 6, 1898
Chestnut	Carpenter to Trenton	147	Oct. 7, 1902
Cilley road	East of Hall to Belmont	108	Sept. 21, 1915
Cilley road	Taylor, easterly 225 feet	29	June 3, 1913
Clarke	Elm to Chestnut	290	Apr. 14, 1903
Clay	Union to Beech	492	Nov. 27, 1908
Clay	Lincoln to Wilson	232	July 21, 1908
Clay	Taylor to Cypress	246	July 21, 1908
Colby	West Hancock to Log	270	June 12, 1906
Concord	Pine east back to Union	91	Sept. 12, 1899
Concord	Dutton, westerly	97	Feb. 2, 1904
Concord	Hall, easterly	86	Sept. 6, 1887
Concord	Weston to Hubbard	101	Sept. 27, 1905
Congress	Amory, southerly	46	Feb. 14, 1912
Coolidge avenue	Rimmon, southerly 780 feet	780	Mar. 18, 1913
Cumberland	Monitor, southerly 100 feet	58	Apr. 21, 1914
Cypress	Clay to Somerville	325	May 7, 1912
D	Mast, westerly	52	July 16, 1912
Dartmouth	Woodbury, southerly 426 feet	426	May 5, 1914
Dix	Maple to Lincoln	97	Aug. 14, 1911
Dix	Lincoln to Wilson	670	Dec. 6, 1910
Dix	Wilson to Hall	89	Sept. 27, 1905
Dix	Taylor to Cypress	442	July 15, 1904
Dover	Clinton, northerly	160	Sept. 4, 1894

TABLE No. 22—*Continued.*

Location	Limits	Distance	Date of order
Dutton	Concord, easterly	300	Feb. 2, 1904
Elm	Railroad bridge to Elm avenue	1,285	May 6, 1890
Elm	Monroe south back to Clarke	599	June 4, 1895
Elm	Trenton to Rowell	448	Feb. 4, 1896
Erie	South Main, westerly 400 feet	400	May 29, 1914
Foster avenue	Valley to Hayward	140	July 14, 1896
Front	Eddy to north of hotel	2,325	Sept. 5, 1893
Gates	Dubuque, westerly	135	July 16, 1912
George	North of Milford to Charleston Ave.	32	Oct. 7, 1902
Grove	West of Willow to Willow	103	Sept. 21, 1915
Grove south back	Wilson, easterly	200	Nov. 2, 1897
Hall	Clay to Dix	250	Dec. 19, 1902
Hall	Lowell to East High	143	July 25, 1902
Hall road	Massabesic to Nelson	601	Aug. 5, 1898
Hale	Schiller, southerly	450	Nov. 9, 1894
Harrison	Linden, easterly	52	Nov. 23, 1906
Harrison	East of Linden to Hall	477	Oct. 3, 1899
Harrison	Maple to Oak	350	Dec. 6, 1910
Harrison	Belmont, westerly	65	Sept. 1, 1896
Harvard	Lincoln to Wilson	420	Dec. 6, 1910
Harvell	Hale to South Main	700	Nov. 9, 1894
Hayward	East of Union to Beech	355	July 16, 1912
Hayward	Beech to Maple	142	Dec. 6, 1910
Hayward	Ainsworth avenue to Cypress	148	Sept. 7, 1897
Hayward	Porter to Riley avenue	652	May 29, 1914
Hevey east back	South of Amory to Columbus avenue	396	July 10, 1892
High, East	Weston to Highland	288	Nov. 4, 1913
Highland	Lowell to East High	74	Aug. 14, 1911
Highland avenue	Wilkins to Fogg avenue	360	June 3, 1913
Hilton	Hanover to Amherst	368	Nov. 4, 1913
Hosley	Grove to Summer	116	June 26, 1903
Hospital avenue	Chase avenue to Massabesic	142	Sept. 14, 1904
Hubbard	North of Amherst, northerly	200	Nov. 19, 1912
Huntress	Prince to McDuffie	163	Nov. 3, 1903
Huntress	McDuffie to Bank	174	Dec. 6, 1910
Joliette	North of Kelley, northerly	55	May 7, 1912
Jones	Nelson to Benton	285	Aug. 5, 1898
Knowlton	Hayward, southerly	67	Nov. 23, 1906
Lafayette	Amory to Kelley	663	Sept. 21, 1915
Laval	Kelley, northerly	615	Nov. 7, 1911
Lincoln	Silver to Clay	248	July 21, 1908
Litchfield lane	Chestnut to Union	814	July 9, 1901
Main, South	A to McDuffie	908	Sept. 21, 1915
Mammoth road	No. 155 to Young	633	Nov. 27, 1908
Mammoth road	Massabesic to Nelson	32	May 2, 1899
Mammoth road	Nelson, northerly	500	Aug. 5, 1898
Mammoth road	North of Nelson to Hanover	1,280	June 26, 1911
Manning	Hall to Belmont	366	Sept. 21, 1915
Maple	Prospect to Harrison	99	Oct. 19, 1905
Massabesic	Hall road to Mammoth road	831	Mar. 2, 1899
Mast	Brock to Warner	660	June 3, 1913
Merrill	Jewett, easterly	34	June 5, 1900
Merrill	Woodman, westerly 300 feet	100	Nov. 4, 1913
Montgomery east back	Kelley to Bremer	150	Dec. 31, 1901
Morgan	Amory to Kelley	700	June 3, 1913
Mystic avenue	Candia road to Longwod avenue	221	May 5, 1914
Oakland avenue	Revere avenue to Woodland avenue.	1,070	Dec. 13, 1905
Pine	Silver to Plummer	320	Oct. 3, 1899
Pine east back	Bell south back to Valley	134	Feb. 14, 1912
Prescott	Maple, easterly	21	June 26, 1903
Prescott	Hall, westerly	80	Oct. 1, 1907
Prospect	Hall, easterly	100	Sept. 3, 1895
Putnam	Cumberland, easterly 286 feet	286	May 29, 1914
Railroad	North of Whittemore avenue, southerly 600 feet	176	Sept. 21, 1915

TABLE No. 22—*Concluded.*

Location	Limits	Distance	Date of order
Ray	Carpenter to Trenton	76	Sept. 18, 1911
Reed	Kelley, northerly 185 feet	185	Sept. 21, 1915
Reed	Bremer to Mason	800	Sept. 21, 1915
Reed east back	Kelley to Bremer	455	Feb. 14, 1912
Riley avenue	South of Hayward, southerly 150 ft	75	Aug. 3, 1909
Rimmon	South of Wayne to Putnam	164	Aug. 6, 1901
Rimmon east back	Kelley to Mason	800	Sept. 7, 1897
Sagamore	Chestnut to Pine	294	July 31, 1903
Salmon	Beech to Ash	126	Sept. 7, 1909
Schiller	Hale to South Main	604	Nov. 10, 1896
Second	Bell, southerly	60	Aug. 14, 1911
Shasta	Maple to Lincoln	214	Dec. 6, 1910
Shasta	Lincoln, easterly 200 feet	200	Nov. 4, 1913
Somerville	Union to Maple	165	Aug. 2, 1898
Somerville	Hall to west of Cypress	184	Dec. 19, 1902
Somerville	Jewett, easterly 250 feet	250	Aug. 3, 1909
Spruce, East	Kenney, westerly	95	Apr. 2, 1907
Stevens	Baker, southerly	178	Nov. 19, 1912
Sullivan	Thornton, westerly 500 feet	146	June 7, 1910
Summer	Hall to Belmont	247	June 27, 1910
Tannery brook	Merrimack river to Calef road	3,700	Apr. 21, 1914
Taylor	South of Valley, southerly	75	Oct. 2, 1900
Taylor	Holly avenue to Vinton	457	Sept. 21, 1915
Thornton	Wayne to Putnam	155	Mar. 6, 1906
Union	Clarke to Trenton	180	July 2, 1895
Union	Trenton, northerly	401	Oct. 7, 1902
Union east back	South of Christian brook southerly	50	Aug. 6, 1895
Valley	Cypress, westerly	133	Jan. 4, 1897
Valley	Elm to Wilson	2,396	Nov. 7, 1893
Valley	East of Jewett to Massabesic	305	Nov. 7, 1911
Vinton	Taylor, easterly 800 feet	800	Sept. 21, 1915
Vinton	Taylor, westerly 200 feet	200	Sept. 21, 1915
Walnut	Salmon, southerly	17	Jan. 29, 1897
Walnut	Webster, northerly	46	July 31, 1903
Walnut east back	Salmon, northerly	88	Nov. 10, 1896
Warner	Mast, northerly 950 feet	950	June 17, 1913
Warner	Wilkins, southerly 150 feet	24	Aug. 3, 1909
Wayland avenue	Mammoth road to Revere avenue	410	Sept. 17, 1912
Weston	Bridge to Lowell	687	Dec. 6, 1910
William	Milford to Mast	522	Oct. 3, 1899
Willow	Summer to Grove	540	Sept. 21, 1915
Woodbine avenue	Oakland avenue to Glenwood avenue	274	June 17, 1913
Woodbine avenue	Longwood avenue to Candia road	341	June 26, 1911
Youville	Kelley, northerly 200 feet	92	Aug. 15, 1910
		59,721	

TABLE No. 23.

Summary.

Table No. 18, column 3 (ordered in to January 1, 1915) ..	59,082	.....
Table No. 18, column 5 (built)	.....	4,780
Table No. 18, column 6 (built in excess of order)	297	.....
Table No. 18, column 7 (not needed)	.....	1,674
Table No. 18, column 8 (not built)	.....	52,925
Table No. 19, column 3 (ordered in during 1915)	7,971	.....
Table No. 19, column 5 (built)	.....	1,090
Table No. 19, column 6 (built in excess of order)	.....	.....
Table No. 19, column 7 (not needed)	.....	85
Table No. 19, column 8 (not built)	.....	6,796
	67,350	67,350

Sewers built in 1915 of those ordered in to January 1, 1916 (feet)	5,902
Sewers built in 1915 without orders (feet)	5,970
Sewers relaid in 1915 without orders (feet)	1,509
Total length of sewers built in 1915 (feet)	13,381

Sewerage System.

Table No. 24 gives the location, material, size, length, manholes new, manholes removed, manholes rebuilt, lampholes new, lampholes removed, house connections and cesspool connections built during the year 1915.

Table No. 25 gives the material, size and length of all public sewers in the city of Manchester, January 1, 1916. This table gives the total length in feet of each size of sewer and the number of manholes on each size, also total length in feet and miles of each material.

Table No. 26 is a summary of the sewerage system by years from Jan. 1, 1880, to January 1, 1916. It gives the length in miles constructed and cost each year, also the average cost per mile for each year. The third column gives the number of miles constructed to date each year. It is noted that on January 1, 1880, there were 17.06 miles constructed, the cost not being recorded. January 1, 1890, there were recorded 2,003 house connections.

Beginning with this date columns four and five give the number of connections recorded each year and the total number recorded to date each year.

TABLE No. 24.

SEWERS BUILT IN 1915.

Location	Limits	Material	Size in inches	Length in feet (new)	Length in feet (relaid)	Manholes (new)	Manholes (removed)	Manholes (rebuilt)	Lampholes (new)	Lampholes (removed)	House connections	Cesspool connections
Allen	West of South Main, westerly	Akron	12	450	...	2	..	..	..	..	17	..
Amherst	Highland, easterly	Akron	10	175	...	1	..	..	..	..	6	..
Amherst	Highland, westerly	Akron	10	80	...	..	..	..	1	..	2	..
Bartlett	Angle, easterly	Akron	10	42	...	..	..	..	1	..	1	..
Beacon	Hanover, northerly	Akron	10	144	41	2	..	..	..	1	*9	..
Beacon	Lowell, northerly	Akron	10	216	...	1	..	..	..	..	4	..
Beech	Valley, southerly	Akron	15	148	...	1	..	..	..	..	..	1
Bremer	Rimmon to Hevey east back	Akron	12	144	...	..	..	..	..	..	..	..
Cedar south back	Hall, easterly	Akron	10	138	...	..	..	..	1	..	6	..
Central	Hall road, westerly	Akron	15	95	...	1	..	..	..	..	1	..
Cilley road	Hall, easterly	Akron	12	256	...	..	..	..	1	..	9	..
Concord	Pine, easterly	Akron	10	93	...	1	..	..	..	1	2	..
Concord	Belmont, easterly	Akron	10	393	...	2	..	..	1	..	14	..
Congress	South of Amory, southerly	Akron	10	154	...	1	..	..	..	1	7	..
Coolidge Ave. w. b.	Mason, southerly	Akron	12	150	...	..	..	..	1	..	5	..
Coolidge Ave. w. b.	South of Labrecque, southerly	Akron	12	70	420	..	..	4	..	..	10	..
Cumberland	South of Amory to south of Monitor	Akron	10	198	...	2	..	..	1	1	6	..
Derryfield lane	Chestnut to Pine	Akron	12	26	320	3	1	..	..	..	15	4
Essex	South of Amory to south of Monitor	Akron	10	114	...	1	..	..	1	1	3	..
Exeter avenue	Hayward, southerly	Akron	10	21	...	1	..	..	..	..	..	..
Fourth east back	Ferry, northerly	Akron	10	132	...	2	..	..	..	..	..	1
Front	North of Goffstown road, southerly	Akron	20	375	...	2	..	..	..	..	14	..
Goffstown road	Front, westerly	Akron	20	593	...	4	..	..	..	..	15	..
Goffstown road	Front, westerly	Akron	15	416	...	2	..	..	..	..	2	..
Goffstown road	Front, westerly	Akron	12	100	...	1	..	..	..	..	..	..
Hall	Howe, southerly	Akron	10	340	...	1	..	..	1	..	13	..
Hampshire lane	West Central to Pleasant	Akron	22	...	40	1	..	..	..	..	2	..
Hampshire lane	West Central to Pleasant	Akron	20	...	22	..	..	..	..	..	..	1
Hampshire lane	West Central to Pleasant	Akron	18	...	174	1	..	..	..	..	5	..
Harvard	Belmont, easterly	Akron	10	478	...	3	..	..	..	..	18	..
Hayward	Woodman, westerly	Akron	10	298	...	1	..	..	1	..	11	..

Hevey	Amory, southerly	Akron	10	192	...	..	..	..	1	..	5	2
Hevey	North of Bremer, northerly	Akron	12	295	...	1	..	..	..	..	12	..
Highland	Hanover to Amherst	Akron	10	321	...	3	..	..	..	..	12	..
Kelley	East of Piscataquog river, east	Akron	24	206	...	3	..	..	..	..	..	..
Kelley	East of Piscataquog river, east	Akron	20	162	...	2	..	..	..	..	..	2
Kelley	East of Piscataquog river, east	Akron	18	138	...	1	..	..	..	..	..	2
Kidder	Canal to Canal east back	Akron	15	75	...	2	..	..	..	..	..	..
Kidder	Canal east back to Whitney	Akron	12	393	...	5	..	..	..	..	..	..
Lamprey	Mast road, westerly	Akron	10	94	...	..	..	..	1	..	1	..
Lodge	Maple, easterly	Akron	10	177	...	..	..	..	..	..	4	..
Mason	Montgomery to Reed	Akron	22	270	...	2	..	..	..	..	..	..
Massabesic	West of Spruce, westerly	Akron	8	98	...	..	..	..	..	..	2	..
Mast road	Wilkins to Gove	Akron	15	755	...	4	..	..	..	..	24	..
Mast road	Wilkins to Gove	Akron	12	338	...	1	..	..	..	..	11	..
Montgomery	North of Bremer, northerly	Akron	12	495	...	2	..	..	1	..	20	..
Myrtle	Oak, easterly	Akron	10	96	110	2	..	..	..	..	3	..
Mystic avenue	Glenwood avenue, southerly	Akron	12	178	...	..	..	..	..	..	5	..
Mystic avenue	Longwood avenue, southerly	Akron	12	250	...	1	..	..	..	..	9	..
Oak	Myrtle, northerly	Akron	10	106	...	1	..	..	1	..	1	..
Pine	Derryfield lane, northerly	Akron	10	...	88	1	..	..	..	..	6	..
Private land	Lake avenue to north of Central	Akron	15	422	...	3	..	..	..	..	3	..
Prospect	East of Russell, easterly	Akron	24	...	124	..	..	..	..	..	†5	..
Railroad	Whittemore avenue, southerly	Akron	12	265	...	2	..	..	..	..	5	1
Railroad	Whittemore avenue, northerly	Akron	10	159	...	1	..	..	..	..	1	..
Reed east back	North of Amory, southerly	Akron	10	60	...	..	..	..	1	1	2	..
Rimmon	Bremer to Quirin south back	Akron	12	144	...	1	..	..	..	..	1	..
Sagamore	East of Linden, easterly	Akron	10	244	...	1	..	..	1	1	11	..
Seneca lane	Pine, easterly	Akron	12	...	170	1	..	..	1	..	7	..
Woodbine avenue	Glenwood avenue, southerly	Akron	12	100	...	..	..	..	..	..	4	..
				11,872	1,509	77	1	4	17	7	351	14

* Three old connections relaid.
†Old connections relaid.

TABLE No. 25.

MATERIAL, SIZE AND LENGTH OF SEWERS JANUARY 1, 1916.

Size in inches	Akron	Portland (old)	Portland (new)	Cement	Earthen	Brick	Cast iron	Steel riveted	Total feet	Man-holes
6	330	.....	.....	.....	....	.....	....	....	330	1
8	15,388	90	601	.....	....	.....	24	....	16,103	29
9	.....	.....	.....	6,927	....	.....	....	....	6,927	1
10	152,446	2,890	11,678	.....	1,132	.....	90	....	168,236	533
12	119,625	985	8,269	17,372	2,055	.....	34	....	148,340	383
14	.....	.....	.....	.....	....	.....	24	....	24	....
15	46,704	.....	5,338	490	....	.....	70	....	52,602	196
18	7,722	770	1,815	860	....	4,867	....	....	16,034	57
20	19,778	.....	4,374	.....	....	.....	158	....	24,310	91
22	2,600	.....	958	.....	....	.....	....	....	3,558	20
24	29,699	.....	5,583	735	....	1,900	36	67	38,020	189
16 x 24	.....	.....	.....	1,697	....	.....	....	....	1,697	7
27	.....	.....	465	.....	....	.....	....	....	465	3
29	.....	.....	.....	.....	....	1,600	....	....	1,600	....
36	342	.....	.....	.....	....	506	277.5	39	1,164.5	2
42	.....	.....	.....	.....	....	446	....	....	446	....
44	.....	.....	.....	.....	....	1,195	....	....	1,195	2
48	.....	.....	.....	.....	....	.....	....	372	372	3
57	.....	.....	.....	.....	....	1,400	....	....	1,400	2
60	.....	.....	.....	.....	....	285	....	....	285	1
17 x 26	.....	.....	.....	.....	....	1,506	....	....	1,506	4
20 x 30	.....	.....	.....	.....	....	1,197	....	....	1,197	5
22 x 33	.....	.....	.....	.....	....	849	....	....	849	3
24 x 36	.....	.....	.....	.....	....	11,051	....	....	11,051	39
26 x 39	.....	.....	.....	.....	....	514	....	....	514	2
29¼ x 44	.....	.....	.....	.....	....	4,530	....	....	4,530	10
30 x 46	.....	.....	.....	.....	....	1,360	....	....	1,360	1
32 x 48	.....	.....	.....	.....	....	3,279	....	....	3,279	10
36 x 54	.....	.....	.....	.....	....	1,067	....	....	1,067	4
38 x 57	.....	.....	.....	.....	....	4,388	....	....	4,388	8
40 x 44	.....	.....	.....	.....	....	790	....	....	790	4
42 x 63	.....	.....	.....	.....	....	3,104	....	....	3,104	9
50 x 75	.....	.....	.....	.....	....	712	....	....	712	2
Total feet	394,634	4,735	39,081	28,081	3,187	46,546	713.5	478	517,455.5	1,621
Total miles	74.741	0.896	7.402	5.319	0.603	8,816	0.135	0.09	98.002	

TABLE No. 26.

SUMMARY OF SEWERAGE SYSTEM SINCE 1880.

Year	Miles constructed during year	Miles constructed to date	House connections recorded during the year	House connections recorded to date	Cost of sewers	Average cost per mile
1880....	1.62	18.66	...	.....	$19,919.40	$12,295.92
1881....	2,18	20.84	...	.....	23,895.12	10,961.06
1882....	3.37	24.21	...	.....	24,148.13	7,165.65
1883....	2.54	26.75	...	.....	21,452.05	8,445.69
1884....	1.73	28.48	...	.....	21,548.60	12,445.84
1885....	1.56	30.04	...	.....	28,122.84	18,027.46
1886....	2.15	32.19	...	.....	44,479.15	20,687.97
1887....	1.44	33.63	...	.....	19,893.92	13,815.22
1888....	1.73	35.36	...	.....	31,154.19	19,008.20
1899....	2.66	38.02	...	2,003	27,513.73	10,343.51
1890....	1.81	39.83	64	2,067	39,297.97	21,711.58
1891....	3.08	42.91	153	2,220	55,409.73	17,990.17
1892....	3.13	46.04	214	2,434	39,724.65	12,691.68
1893....	3.31	49.35	191	2,626	51,392.15	15,526.33
1894....	2.91	52.26	258	2,883	46,116.01	15,847.42
1895....	3.98	56.24	255	3,138	71,759.36	18,055.11
1896....	4.73	60.97	237	3,375	66,408.87	14,099.33
1897....	*3.93	64.44	283	3,658	36,258.41	9,226.05
1898....	*3.76	67.62	520	4,178	34,939.51	9,292.42
1899....	*1.54	69.03	208	4,386	16,683.39	10,819.31
1900....	*1.14	70.17	231	4,617	13,748.41	12,091.58
1901....	1.74	71.91	227	4,844	14,724.39	8,462.29
1902....	*1.95	73.46	186	5,030	20,973.05	10,755.41
1903....	1.41	74.87	190	5,220	17,330.32	12,291.00
1904....	*3.22	76.75	300	5,520	25,574.79	11,520.17
1905....	*1.91	78.51	319	5,839	23,437.19	12,260.78
1906....	*1.35	79.69	163	6,002	21,313.20	15,787.55
1907....	*2.04	81.63	199	6,201	25,631.95	12,564.68
1908....	*1.48	83.03	198	6,399	12,818.59	8,661.21
1909....	*1.40	84.43	173	6,572	16,055.97	11,468.55
1910....	*2.54	86.97	312	6,884	30,124.03	11,906.73
1911....	*2.03	89.00	280	7,164	22,217.24	10,944.48
1912....	*2.96	91.96	393	7,557	27,938.57	9,438.70
1913....	*1.93	93.86	228	7,785	20,555.98	10,650.76
1914....	*2.42	95.75	210	7,995	33,749.75	13,946.17
1915....	*2.53	98.00	343	8,338	30,791.73	12,170.64

*Includes old sewers relaid.

ABSTRACT REPORT OF THE BOARD OF EXAMINERS OF PLUMBERS.

The board of examiners of plumbers, appointed in accordance with an act (chapter 55, Laws of 1899) passed by the New Hampshire State legislature, entitled "An ACT authorizing the examination of plumbers and regulating the practice of plumbing and house drainage," and subsequently amended (chapter 32, Laws of 1913), comprised William K. Robbins of the Board of Health, Christian L. Wolf, a master plumber, and Samuel J. Lord, engineer. In May, 1913, Edward C. Corey, a master plumber, was appointed in place of Christian L. Wolf, resigned. The board organized by the choice of William K. Robbins, president, and Samuel J. Lord, clerk.

Following is a statement of the expenditures of the board for the year 1915:

J. B. CLARKE CO.

June 17.	To printing report of Board of Examiners of Plumbers, eight pages @ 65c.....		$5.20

THE KEYSTONE PRESS.

Aug. 30.	To 100 postal cards printed.....		$1.75
Nov. 17.	25 postal cards printed.....		$0.90

MANCHESTER HARDWARE CO.

Apr. 14.	To 1 lb. dry paste.....		$0.10

PIKE & HEALD CO.

Jan. 7.	To 26½ lbs. wiping solder @ 29c.....		$7.69
June 9.	To 10 lbs. wiping solder & 35c	$3.50	
	11¾ lbs. lead pipe @ 7½c.....	.88	
			$4.38
Aug. 21.	To 17 lbs. lead pipe @ 9c.....	$1.53	
	20½ lbs. wiping solder @ 29c..	5.95	
	1 small ladle	.33	
	10 ft. 4" D. H. pipe @ 30c.....	3.00	
	1–1½" plug	.20	
	2 lbs. fine solder @ 34c.....	.68	
Sept. 13.	89 lbs. lead pipe @ 8c.....	7.12	
			$18.81
Oct. 13.	10 lbs. wiping solder.....		$2.90

E. A. STRATTON CO.

Aug. 11.	To 300 Master plumbers' licenses (green) 300 Journeyman plumbers' licenses (blue) 100 Master plumbers' certificates (golden) 100 Journeyman plumbers' certificates (buff)		$2.50

TEMPLE & FARRINGTON CO.

Feb. 17.	To binding records of meeting of Board of Examiners of Plumbers for the year 1914...	$1.25	
			$45.48

SUMMARY.

Appropriated to the Board of Examiners of Plumbers for the year 1915.....	.....	$50.00
Expenses of the board during the year.....	$45.48	
Balance unexpended	4.52	
	$50.00	$50.00
Renewal fees received for 49 plumber's certificates @ 50c. each (a renewal fee of 50c. is required by state law)	$24.50	
Renewal fees received for 105 plumber's licenses @ 50c. each (required by law).....	$52.50	
Examination fees received for 23 plumber's licenses @ $1.00 each (required by law)....	$23.00	
Paid to the city treasurer (the state law requires all fees to be paid into the city treasury)	.....	$100.00
	$100.00	$100.00

The above amounts include $14.50 collected from delinquent plumbers.

Table No. 27 gives the name, address, and number of the application of each and every person making renewal application to the board for a plumber's certificate. This table also gives the class of the certificate (master or journeyman), the number of the certificate, also the renewal fee paid by the applicant.

Table No. 28 gives the name, address and number of the application of each and every person making renewal application to the board for a plumber's license. This table also gives the class of the license (master or journeyman), the number of the license, dates of renewal

and expiration of the license and also the renewal fee paid by the applicant.

Table No. 29 gives the name, address and number of application of each and every person granted a plumbers' license. This table also gives the class of the license (master or journeyman), the number of the license, dates of issue and expiration of the license, also fee paid by the applicant.

Table No. 30 is a summary of Tables Nos. 27, 28, and 29.

TABLE No. 27.

PLUMBERS' CERTIFICATES RENEWED DURING THE YEAR 1915.

Name	Residence	No. of application	Renewal fee received	Class of plumber	No. of cert'ficate	Date of renewal	Date of expiration
Amlaw, Ashley A	777 Grove	19	$0.50	Master	18	Aug. 31, 1915	Aug. 31, 1916
Bangs, Charles S	251 Concord	77	.50	Master	47	Aug. 31, 1915	Aug. 31, 1916
Blood, Frank W	397 Merrimack	76	.50	Master	84	Aug. 31, 1915	Aug. 31, 1916
Briggs, Thomas J	157 Milford	34	.50	Master	65	Aug. 31, 1915	Aug. 31, 1916
Burke, John E	345 Lake avenue	24	.50	Journeyman	22	Aug. 31, 1915	Aug. 31, 1916
Caron, H	60 McGregor	63	.50	Master	77	Aug. 31, 1915	Aug. 31, 1916
Clarke, Charles E	928 Beech	100	.50	Journeyman	76	Aug. 31, 1915	Aug. 31, 1916
Colby, James A	286 Merrimack	105	.50	Journeyman	82	Aug. 31, 1915	Aug. 31, 1916
Coleman, Michael J	268 Walnut	7	.50	Master	7	Aug. 31, 1915	Aug. 31, 1916
Connor, Charles	Willow	72	.50	Master	63	Aug. 31, 1915	Aug. 31, 1916
Connor, John A	10 Grove, Lowell, Mass	17	.50	Journeyman	85	Aug. 31, 1915	Aug. 31, 1916
Connor, John J	44 Welch avenue	73	.50	Master	72	Aug. 31, 1915	Aug. 31, 1916
Farrell, Henry M	673 Grove	38	.50	Master	32	Aug. 31, 1915	Aug. 31, 1916
Florand, Joseph M	97 Orange	35	.50	Journeyman	30	Aug. 31, 1915	Aug. 31, 1916
Goodwin, William E	Hooksett road	41	.50	Master	35	Aug. 31, 1915	Aug. 31, 1916
Griffin, F. W	340 Harrison	24	.50	Master	24	Aug. 31, 1915	Aug. 31, 1916
Guiney, John J	Lake Shore road	104	.50	Journeyman	59	Aug. 31, 1915	Aug. 31, 1916
Heald, Frank E	1142 Union	92	.50	Master	70	Aug. 31, 1915	Aug. 31, 1916
Hill, Lucius E	852 Elm	3	.50	Journeyman	3	Aug. 31, 1915	Aug. 31, 1916
Knoettner, George	245 Railroad	46	.50	Journeyman	36	Aug. 31, 1915	Aug. 31, 1916
Knoettner, Oscar	322 Main	59	.50	Master	79	Aug. 31, 1915	Aug. 31, 1916
Ladoucer, Albert V	585 Amory	25	.50	Journeyman	25	Aug. 31, 1915	Aug. 31, 1916
Lane, Frank A	731 Beech	79	.50	Master	48	Aug. 31, 1915	Aug. 31, 1916
Larkin, John F	123 Pleasant	75	.50	Master	46	Aug. 31, 1915	Aug. 31, 1916
Leighton, Frank D	78 Liberty	23	.50	Master	61	Aug. 31, 1915	Aug. 31, 1916
Lewis, Fred S	165 Mammoth road	40	.50	Master	34	Aug. 31, 1915	Aug. 31, 1916
Longval, Dolphis	78 Laurel	51	.50	Journeyman	68	Aug. 31, 1915	Aug. 31, 1916
Mayo, Albert F	45 Taylor	9	.50	Journeyman	9	Aug. 31, 1915	Aug. 31, 1916
McDonald, Charles F	53 Ash	5	.50	Master	5	Aug. 31, 1915	Aug. 31, 1916
McKenna, John J	101 Amherst	18	.50	Journeyman	17	Aug. 31, 1915	Aug. 31, 1916
McKenna, Daniel J	101 Amherst	65	.50	Journeyman	92	Aug. 31, 1915	Aug. 31, 1916
Marchand, Joseph F	585 Rimmon	55	.50	Master	42	Aug. 31, 1915	Aug. 31, 1916
Merrill, Edwin W	166 Blodget	74	.50	Master	54	Aug. 31, 1915	Aug. 31, 1916
O'Brien, Martin	123 Amherst	16	.50	Master	16	Aug. 31, 1915	Aug. 31, 1916
O'Toole, Thomas J	264 Grove	60	.50	Journeyman	86	Aug. 31, 1915	Aug. 31, 1916
Rivard, Zephirin H	R. F. D. No. 1, Hooksett road	11	.50	Journeyman	11	Aug. 31, 1915	Aug. 31, 1916
Thornton, John J	34 Old Bridge	45	.50	Journeyman	87	Aug. 31, 1915	Aug. 31, 1916
Wolf, Christian L	36 Clinton	15	.50	Master	15	Aug. 31, 1915	Aug. 31, 1916

TABLE No. 28.

PLUMBERS' LICENSES RENEWED DURING THE YEAR 1915.

Name	Residence	No. of application	Renewal fee received	Class of plumber	No. of license	Date of renewal	Date of expiration
Amlaw, Roy A.	38 Laurel	133	$0.50	Master	97	Aug. 31, 1915	Aug. 31, 1916
Barry James H.	13 Boyden	138	.50	Journeyman	102	Aug. 31, 1915	Aug. 31, 1916
Bartlett, William T.	81 Lowell	123	.50	Master	89	Aug. 31, 1915	Aug. 31, 1916
Belanger, Arthur	432 Kelley	111	.50	Master	79	Aug. 31, 1915	Aug. 31, 1916
Belanger, Ernest	326 Prospect	12	.50	Journeyman	6	Aug. 31, 1915	Aug. 31, 1916
Blanchard, H. C.	New City Hotel	205	.50	Master	152	Aug. 31, 1915	Aug. 31, 1916
Blethen, Davis M.	Salem Depot, N. H.	125	.50	Journeyman	91	Aug. 31, 1915	Aug. 31, 1916
Breton, Frank	159 Manchester	191	.50	Master	144	Aug. 31, 1915	Aug. 31, 1916
Brock, Ira C.	86 Sagamore	23	.50	Journeyman	14	Aug. 31, 1915	Aug. 31, 1916
Brown, William T.	278 Walnut	53	.50	Journeyman	41	Aug. 31, 1915	Aug. 31, 1916
Buckley, Thomas J.	251 Hanover	195	.50	Journeyman	142	Aug. 31, 1915	Aug. 31, 1916
Cadoret, Antonio J.	4 Newman street, Cambridge, Mass.	127	.50	Master	93	Aug. 31, 1915	Aug. 31, 1916
Call, Ralph H.	60 Massabesic	130	.50	Master	98	Aug. 31, 1915	Aug. 31, 1916
Chamberland, Joseph	520 Main	197	.50	Journeyman	147	Aug. 31, 1915	Aug. 31, 1916
Chapman, John W.	884 Clay	22	.50	Journeyman	12	Aug. 31, 1915	Aug. 31, 1916
Cherrier, L. J.	Franklin, N. H.	112	.50	Master	80	Aug. 31, 1915	Aug. 31, 1916
Corey, Edward C.	485 Pine	31	.50	Journeyman	20	Aug. 31, 1915	Aug. 31, 1916
Cote, Romuald C.	28 Amory	174	.50	Master	132	Aug. 31, 1915	Aug. 31, 1916
Cree, Carl D.	324 Mammoth road	181	.50	Master	138	Aug. 31, 1915	Aug. 31, 1916
Currie, David A.	274 Boynton	190	.50	Journeyman	141	Aug. 31, 1915	Aug. 31, 1916
Curtice, Edward S.	228 Main	175	.50	Master	133	Aug. 31, 1915	Aug. 31, 1916
Danielson, David W.	213 Sagamore	92	.50	Journeyman	64	Aug. 31, 1915	Aug. 31, 1916
Descheneau, Arthur	73 Orange	165	.50	Journeyman	129	Aug. 31, 1915	Aug. 31, 1916
Desmarais, Eugene	172 Prospect	140	.50	Master	114	Aug. 31, 1915	Aug. 31, 1916
Douglas, Ernest H.	286 Mystic	66	.50	Journeyman	47	Aug. 31, 1915	Aug. 31, 1916
Dubois, Oliva J.	91 Manchester	142	.50	Master	106	Aug. 31, 1915	Aug. 31, 1916
Duhaime, Rudolph	214 Sagamore	121	.50	Journeyman	88	Aug. 31, 1915	Aug. 31, 1916
Dupont, Adelard	Ray block, room No. 32	103	.50	Journeyman	72	Aug. 31, 1915	Aug. 31, 1916
Foster, Frederick F.	287 Massabesic	54	.50	Master	39	Aug. 31, 1915	Aug. 31, 1916
Gaudette, Alfred J.	283 Bridge	17	.50	Journeyman	13	Aug. 31, 1915	Aug. 31, 1916
Geoffrion, Ernest J.	38 Mast road	88	.50	Journeyman	63	Aug. 31, 1915	Aug. 31, 1916
Greer, Cecil J.	316 Manchester	73	.50	Master	51	Aug. 31, 1915	Aug. 31, 1916
Greer, Leslie C.	42 West Brook	110	.50	Master	81	Aug. 31, 1915	Aug. 31, 1916

Grimard, Alfred	214 Bremer	52	.50	Master	38	Aug. 31, 1915	Aug. 31, 1916
Harrington, William C.	Stackpole St., Lowell, Mass.	154	.50	Journeyman	118	Aug. 31, 1915	Aug. 31, 1916
Hartshorn, John E.	17 Prince	15	.50	Master	16	Aug. 31, 1915	Aug. 31, 1916
Hickey, John F.	Panama	170	.50	Master	130	Aug. 31, 1915	Aug. 31, 1916
Houle, Auguste	408 Amory	171	.50	Journeyman	127	Aug. 31, 1915	Aug. 31, 1916
Hughes, John E.	20 Middle St., Lowell	173	.50	Master	131	Aug. 31, 1915	Aug. 31, 1916
Iller, Henry H.	440 Granite	189	.50	Journeyman	140	Aug. 31, 1915	Aug. 31, 1916
Johnson, Hilding	331 Pearl	196	.50	Journeyman	146	Aug. 31, 1915	Aug. 31, 1916
Johnson, James E.	330 Lowell	198	.50	Journeyman	145	Aug. 31, 1915	Aug. 31, 1916
Johnson, Sigfrid N.	414 Manchester	131	.50	Journeyman	95	Aug. 31, 1915	Aug. 31, 1916
Jones, William T.	469 East Spruce	151	.50	Journeyman	110	Aug. 31, 1915	Aug. 31, 1916
Keating, John R.	23 Prospect	118	.50	Master	85	Aug. 31, 1915	Aug. 31, 1916
Kelliher, Jeremiah J.	274 Pearl	141	.50	Journeyman	104	Aug. 31, 1915	Aug. 31, 1916
Kenefick, Charles E.	The Eagle	152	.50	Journeyman	117	Aug. 31, 1915	Aug. 31, 1916
Kenefick, William P.	13 Congress, Chelsea, Mass.	151-A	.50	Journeyman	115	Aug. 31, 1915	Aug. 31, 1916
Ladd, Arthur S.	81 Pennacook	85	.50	Journeyman	59	Aug. 31, 1915	Aug. 31, 1916
Lacerte, Albert L.	570 Dubuque	27	.50	Journeyman	19	Aug. 31, 1915	Aug. 31, 1916
Landregan, John J.	764 Summer	100	.50	Master	71	Aug. 31, 1915	Aug. 31, 1916
Law, Alfred	210 Sagamore	163	.50	Journeyman	123	Aug. 31, 1915	Aug. 31, 1916
Langer, Clemens R.	36 Clinton	29	.50	Master	31	Aug. 31, 1915	Aug. 31, 1916
Langer, Richard C.	427 Milford	129	.50	Master	92	Aug. 31, 1915	Aug. 31, 1916
Leazotte, James F.	97 Taylor	76	.50	Master	54	Aug. 31, 1915	Aug. 31, 1916
Lemay, Sylvio	488 Pine	117	.50	Journeyman	84	Aug. 31, 1915	Aug. 31, 1916
L'Esperance, Arthur	Suncook, N. H.	87	.50	Journeyman	61	Aug. 31, 1915	Aug. 31, 1916
McCourt, Patrick J.	216 Laurel	79	.50	Journeyman	58	Aug. 31, 1915	Aug. 31, 1916
McLaughlin, John T.	83 Clarke	20	.50	Master	11	Aug. 31, 1915	Aug. 31, 1916
Marchand, Leo P.	585 Rimmon	204	.50	Journeyman	153	Aug. 31, 1915	Aug. 31, 1916
Marston, Gardner E.	3 Morrison	43	.50	Master	30	Aug. 31, 1915	Aug. 31, 1916
Murphy, Joseph T.	526 Maple	202	.50	Master	150	Aug. 31, 1915	Aug. 31, 1916
Murphy, William J.	23 Hall	177	.50	Master	148	Aug. 31, 1915	Aug. 31, 1916
Nealey, Chestley E.	79 Mechanic	72	.50	Master	50	Aug. 31, 1915	Aug. 31, 1916
Nobert, Irene	432 Kelley	135	.50	Journeyman	100	Aug. 31, 1915	Aug. 31, 1916
O'Donnell, John	530 Chestnut	176	.50	Journeyman	134	Aug. 31, 1915	Aug. 31, 1916
O'Laughlin, George	1188 Elm	107	.50	Journeyman	77	Aug. 31, 1915	Aug. 31, 1916
O'Malley, P. H. L.	97 Pleasant	148	.50	Master	111	Aug. 31, 1915	Aug. 31, 1916
O'Rourke, Samuel	41 Reed	156	.50	Journeyman	119	Aug. 31, 1915	Aug. 31, 1916
Osborne, Frank C.	305 Cedar	102	.50	Master	69	Aug. 31, 1915	Aug. 31, 1916
Parenteau, Louis	551 Somerville	145	.50	Journeyman	103	Aug. 31, 1915	Aug. 31, 1916
Parker, Willard A.	73 Rowe, Melrose, Mass.	169	.50	Master	128	Aug. 31, 1915	Aug. 31, 1916
Pelton, Raymond E.	205 West Central	162	.50	Journeyman	124	Aug. 31, 1915	Aug. 31, 1916
Pickwick, Fred	68 Appleton	124	.50	Master	90	Aug. 31, 1915	Aug. 31, 1916
Pitman, John C.	463 Lake avenue	134	.50	Journeyman	99	Aug. 31, 1915	Aug. 31, 1916
Raiche, Treffle	286 Coolidge avenue	5	.50	Master	7	Aug. 31, 1915	Aug. 31, 1916
Reed, Albert D.	319 Central	161	.50	Journeyman	122	Aug. 31, 1915	Aug. 31, 1916
Reidy, Timothy P.	221 Wellington road	98	.50	Master	68	Aug. 31, 1915	Aug. 31, 1916

TABLE No. 28—*Concluded.*

PLUMBERS' LICENSES RENEWED DURING THE YEAR 1915.

Name	Residence	No. of application	Renewal fee received	Class of plumber	No. of license	Date of renewal	Date of expiration
Sargent, Myrton E	27 Grant	178	.50	Master	135	Aug. 31, 1915	Aug. 31, 1916
Seaman, Carl O	469 Maple	4	.50	Master	1	Aug. 31, 1915	Aug. 31, 1916
Severance, William B	440 Hanover	101	.50	Master	70	Aug. 31, 1915	Aug. 31, 1916
Simard, Philip	339 Harvard	172	.50	Journeyman	126	Aug. 31, 1915	Aug. 31, 1916
Soley, Jeremy	1197 Elm	25	.50	Master	15	Aug. 31, 1915	Aug. 31, 1916
Thompson, William	628 Second	144	.50	Master	109	Aug. 31, 1915	Aug. 31, 1916
Treat, William	Box No. 104, Nashua, N. H.	139	.50	Journeyman	107	Aug. 31, 1915	Aug. 31, 1916
VanDerlinder, E. J	207 Patterson	150	.50	Journeyman	113	Aug. 31, 1915	Aug. 31, 1916
VanBrocklin, George	21 Buzzell	44	.50	Master	32	Aug. 31, 1915	Aug. 31, 1916
Wilson, Charles J	New City Hotel	203	.50	Master	151	Aug. 31, 1915	Aug. 31, 1916

TABLE No. 29.

PLUMBERS' LICENSES GRANTED DURING THE YEAR 1915.

Name	Residence	No. of application	Examination fee	Class of plumber	No. of license	Date of issue	Date of expiration
Blanchard, R. C.	New City Hotel	205	$1.00	Master	152	Aug. 6, 1915	Aug. 31, 1915
Breton, Frank	159 Manchester	191	1.00	Master	144	Mar. 26, 1915	Aug. 31, 1915
Buckley, Thomas J.	251 Hanover	195	1.00	Journeyman	142	Mar. 26, 1915	Aug. 31, 1915
Chamberland, Joseph L.	520 Main	197	1.00	Journeyman	147	May 7, 1915	Aug. 31, 1915
Currie, David A.	274 Boynton	190	1.00	Journeyman	141	Mar. 26, 1915	Aug. 31, 1915
Dunn, George	500 Pine	208	1.00	Journeyman	157	Oct. 1, 1915	Aug. 31, 1916
Goodman, Charles	156 South Main	211	1.00	Master	156	Nov. 5, 1915	Aug. 31, 1916
Guba, Frank	North End Chambers	212	1.00	Journeyman	158	Nov. 5, 1915	Aug. 31, 1916
Houle, Auguste	408 Amory	187	1.00	Master	139	Jan. 21, 1915	Aug. 31, 1915
Iller, Henry H.	440 Granite	189	1.00	Journeyman	140	Jan. 21, 1915	Aug. 31, 1915
Johnson, Hilding	331 Pearl	196	1.00	Journeyman	146	May 7, 1915	Aug. 31, 1915
Johnson, James E.	330 Lowell	198	1.00	Journeyman	145	May 7, 1915	Aug. 31, 1915
Kenefick, Charles E.*	The Eagle	180	1.00	Master	160	Dec. 3, 1915	Aug. 31, 1916
Marchand, Leo P.	585 Rimmon	204	1.00	Journeyman	156	Aug. 6, 1915	Aug. 31, 1915
McAllister, Percy	392 Dubuque	210	1.00	Journeyman	159	Nov. 5, 1915	Aug. 31, 1916
Morse, Alfred E.	560 Beech	214	1.00	Journeyman	161	Dec. 3, 1915	Aug. 31, 1916
Murphy, Edward J.	259 Manchester	209	1.00	Journeyman	155	Oct. 15, 1915	Aug. 31, 1916
Murphy, Joseph T.	526 Maple	202	1.00	Master	150	Aug. 6, 1915	Aug. 31, 1915
O'Rourke, Samuel	41 Reed	213	1.00	Master	162	Dec. 11, 1915	Aug. 31, 1916
Pelton, Raymond E.	205 West Central	193	1.00	Master	143	Mar. 26, 1915	Aug. 31, 1915
Pitman, John C.	463 Lake avenue	207	1.00	Master	154	Sept. 11, 1915	Aug. 31, 1916
VanDerlinder, E. J.	207 Patterson	192	1.00	Master	149	Mar. 26, 1915	Aug. 31, 1915
Wilson, Charles J.	New City Hotel	203	1.00	Master	151	Aug. 6, 1915	Aug. 31, 1915

*This license was granted in 1914, but was not issued until September 3, 1915.

TABLE No. 30.

SUMMARY OF TABLES Nos. 27, 28, AND 29.

Master plumbers' certificates renewed during the year 1915....	22	..
Journeyman plumbers' certificates renewed during the year 1915	..	16
Master plumbers' licenses renewed during the year 1915.....	43	..
Journeyman plumbers' licenses renewed during the year 1915...	..	45
Master plumbers' licenses granted during the year 1915.....	11	..
Journeyman plumbers' licenses granted during the year 1915...	..	12
	76	73

Cost Keeping.

The time book kept by this office exhibits a complete record by days of each employee and the particular or several jobs each was engaged upon for each day during the year. This method has been in vogue since this department was created and will be continued.

In 1905 a new method (in this office) of keeping orders was begun, a card, four by six inches, being used, setting forth the nature of the order, date ordered, date done and by whom done, transit and level books, and plan reference (for convenience) and each card numbered. This method was originally intended to do away with the many inconveniences due to keeping orders in an order book. Beginning in May, 1906, the cost keeping features was added. This last method has proved satisfactory beyond expectation, a brief description of which follows:

Size of all cards, five by eight inches. They are divided at the present time into ten classes of work, Board of Public Works (cards or orders) embracing all work done by this office for the Board of Public Works, which includes all streets, sewers and park work, and might properly be designated as "location and construction engineering."

Office (cards or orders) include all preliminary office or field work, street surveys, levels for profile, cross-section, estimates, plans, details, etc., for the Board of Public Works and individuals.

Miscellaneous (cards or orders) include the setting of all sidewalk grade, staking out street line for abutters on highways and for the staking out of sidewalk construction for any property owner or contractor.

Cemeteries (cards or orders) include all preliminary location and office work done for cemeteries.

Highway bounds (cards or orders) include the work of setting bounds; it does not include the location of the points. This part of the work is done under office (cards or orders).

Street signs (cards or orders) include street sign work.

Schoolhouse signs (cards or orders) include the work of placing signs warning traffic of the proximity of schoolhouses.

Automobile signs (cards or orders) include the work of placing signs for the guidance of motorists.

Railroad signs (cards or orders) include the work of placing signs warning traffic of the proximity of railroads.

Street numbers (cards or orders) include measuring for street numbers, making numbering plans, assigning and putting on numbers.

Under office work "Stock" includes all drawing materials; under field work "Stock" includes stakes, hubs, tacks, etc. Team is charged in the cost record at twenty cents the hour, auto trucks at fifty cents the hour, based on three hundred and thirteen seven and one-half-hour days per year.

This price will cover cost, repairs, keeping, interest and replacing new every ten years.

Table No. 31 is a list of highway bounds set and reset during 1915, giving the location, material (concrete or granite) new or reset, cost of labor, team, auto, stock (cost of bound) and total cost per bound; also average cost of concrete bounds and granite bounds.

Table No. 32 is a detailed statement of levels for street profiles, street profile, and plan and profile work done under office (cards or orders). This table gives the location and limits of the several jobs, the length of distance covered, the number of lines of levels taken, the equivalent distance (under total distance) of a single line of levels, the cost of labor, auto, team, and total cost of field work, the cost of labor, stock and total cost of office work, and the total cost of field and office work of each job. This table is given in detail in order to show the actual cost of field and office work of each job.

Table No. 33 is a summary cost record of the cost of work done under miscellaneous (cards or orders), giving the number of orders, the location and description of work, the party or parties ordering the work done, the cost of labor, auto, team, stock and total cost of field work, the cost of labor, stock and total cost of office work, and the total cost of field and office work.

Table No. 34 is a summary cost record of street sign work, giving the number of signs put up, cost of labor, team, stock and total cost; also footnotes giving the average cost per sign of labor, auto, stock and total average cost per sign.

Table No. 35 is a summary cost record of schoolhouse sign work, giving the number of signs put up, cost of labor, auto, stock and total cost; also footnotes giving the average cost per sign of labor, auto, stock and total average cost per sign.

Table No. 36 is a summary cost record of automobile sign work, giving the number of signs put up, cost of labor, auto, stock and total cost; also footnotes giving the average cost per sign of labor, auto, stock and total average cost per sign.

Table No. 37 is a summary cost record of railroad sign work, giving the number of signs put up, cost of labor, auto, stock and total cost; also footnotes giving the average cost per sign of labor, auto, stock and total average cost per sign.

Table No. 38 is a summary of street number orders, giving the number or orders, cost of labor, auto, team, stock and total cost of street number work. This does not include the street number figures given out at the counter. (See matter under street numbers.)

Table No. 39 is a summary cost record of the cost of cemetery work, giving the number of orders for each cemetery where work was done, the cemetery, the cost of labor, team, auto, stock and total cost of office work done for each cemetery, the cost of labor, team, auto, stock and total cost of field work, the total cost of office and field work for each cemetery. This work is done under cemeteries (cards or orders).

Table No. 40 is a summary cost record of work done under Board of Public Works (cards or orders), giving the number of orders, description of work, cost of labor, auto, team, stock and total cost for each kind of work, as noted under the description of work. Following this table is given the cost of labor, auto, team, stock and total cost of preliminary field and office work and cost of location field work and finished plans (estimated), setting forth the cost of sewer work engineering, and giving the percentage of cost of sewer work engineering to sewer work construction.

Table No. 41 is a summary of Tables Nos. 32, 33, 34, 35, 36, 37, 38, 39 and 40.

TABLE No. 31.

COST RECORD HIGHWAY BOUNDS.

Location	Removed	Concrete	Granite	Reset	Labor	Auto	Team	Stock	Total
Amory, north side, tangent point east of Montgomery	..	..	..	1	$1.64	.....	$0.20	$0.03	$1.87
Amory and Montgomery, northeast corner	..	..	..	1	1.64	.....	.20	.03	1.87
Appleton and Ray, northeast corner	..	..	..	1	2.92	$1.25	.....	.....	4.17
Candia road, northwest side, south of Bridge St. Ex.	..	..	1	..	7.15	3.25	.....	1.25	11.65
Candia road, northwest side, P. R. C. east of Bridge St. extension	..	1	..	..	6.03	2.00	.....	.53	8.56
Candia road, northwest side, tangent point at schoolhouse	..	..	1	..	6.03	2.00	.....	1.28	9.31
Candia road, west side, angle northeast of Sherburne street	..	..	1	..	3.47	2.00	.....	1.31	6.78
College Ave. and Rockland Ave. northeast corner	..	..	1	..	3.28	.....	.40	1.28	4.96
Grove and Pine, southeast corner	..	..	..	1	1.64	.50	.....	.03	2.17
Hanover, north side, east of Page	..	..	1*	..	8.30	3.75	.....	.03	12.08
Hayward and Woodman, northeast corner	..	1	..	..	3.28	.....	.40	.50	4.18
Mammoth road and Oakland Ave., southeast corner	..	..	1*	..	3.23	1.00	.....	1.28	5.51
Oakland Ave. and Revere Ave., southwest corner	..	..	1*	..	3.28	.....	.40	.03	3.71
Reed and Bremer, northwest corner	..	..	..	1	3.01	1.00	.....	.03	4.04
Revere Ave. and Wayland Ave., southwest corner	..	..	1	..	3.28	.....	.40	1.28	4.96
River road and Monroe, northeast corner	..	..	..	1	1.91	.50	.....	.03	2.44
River road, first angle north of Monroe east side	..	..	..	1	1.91	.50	.....	.....	2.41
Silver and Taylor, northwest corner	..	..	1*	..	1.73	1.00	.....	.03	2.76
Total	0	2	9	7	$63.73	$18.75	$2.00	$8.95	$93.43

*Old bounds.

TABLE No. 32.

COST RECORD—FIELD WORK (Levels for Profile). OFFICE WORK (Plans and Profiles).

Location.	Limits	Distance	No. of lines	Total distance	Field Work			Office Work			Total cost
					Labor	Auto or team	Total	Labor	Stock	Total	
Alsace east back....	Bremer to Mason....	800	3	2,400	$2.20	$0.75	$2.95	$1.20	$0.10	$1.30	$4.25
Arkwright east back.	West Bridge to Kidder	195	4	780	4.10	1.25	5.35	2.40	.03	2.43	7.78
Belmont	Myrtle to north of Harrison	590	3	1,770	2.46	.30	2.76	1.35	.12	1.47	4.23
Boyden east back...	West Bridge to Kidder	195	4	780	4.92	.60	5.52	2.40	.03	2.43	7.95
Bridge	Hall to Belmont.....	410	2	820	1.51	.50	2.01	1.20	.10	1.30	3.31
Canal east back....	West Bridge to Kidder	195	4	780	8.20	1.00	9.20	2.40	.03	2.43	11.63
Canal east back....	West Bridge to Spring	430	3	1,290	4.55	1.75	6.30	2.64	.03	2.67	8.97
Candia road	Hanover to town line.	7,000	5	35,000	25.94	8.50	34.44	23.76	.60	24.36	58.80
Charles	West Bridge to Spring	430	3	1,290	2.45	1.00	3.45	1.6	03	1.71	5.16
Chestnut	Amherst to Concord...	400	3-5	2,200	3.28	.40	3.68	2.88	03	2.91	6.59
Chestnut	Merrimack to Hanover	520	7	3,640	4.27	.80	5.07	3.75	.03	3.78	8.85
Cumberland	Monitor to Putnam...	500	3	1,500	4.92	.60	5.52	2.40	.10	2.50	8.02
Derryfield lane	Nutfield lane to Chestnut	640	3-4	2,200	3.28	.40	3.68	2.68	.05	2.73	6.41
Dubuque east back..	Putnam to Sullivan...	510	3	1,530	2.71	.75	3.46	1.68	.03	1.71	5.17
Dutton	Concord, northerly ...	340	3	1,020	2.93	1.00	3.93	1.92	.03	1.95	5.88
Elm, east side.....	Hanover, northerly...	60	3	180	.....	....	.....	1.20	.05	1.25	1.25
Exeter avenue	Hayward to Harvard..	625	3	1,875	2.47	1.00	3.47	.84	.03	.87	4.34
Falls avenue	Old Falls road, easterly	435	3	1,305	3.28	.40	3.68	1.44	.05	1.49	5.17
Fenton	Sylvester to Alpine Ave.	800	3	2,400	5.37	1.40	6.77	2.40	.10	2.50	9.27
Granite	Main to West.....	510	5	2,550	4.82	2.75	7.57	3.60	.05	3.65	11.22
Hampshire lane	W. Central to Pleasant	250	7	1,750	2.46	.75	3.21	1.68	.03	1.71	4.92
Hampshire lane, north	South of W. Bridge to Kidder	620	2-3	1,660	8.32	2.80	11.12	4.32	.06	4.38	15.50
Hanover	Candia road, westerly.	1,100	1	1,100	.....	....	.....	2.00	.10	2.10	2.10
Hanover, north side.	Elm to Nutfield lane..	120	3	360	.....	....	.....	1.20	.05	1.25	1.25
High, East	Malvern to Ashland..	550	5	2,750	.....	....	.....	2.40	.06	2.46	2.46
Joliette east back...	Bremer, northerly	325	3	975	1.90	.75	2.65	.96	.05	1.01	3.66
Kelley	Morgan to the bridge.	1,550	3	4,650	.....	....	.....	6.65	.18	6.83	6.83
Lafayette	Amory to Kelley.....	650	3	1,950	4.92	1.50	6.42	2.40	.10	2.50	8.92

Lake avenue	Beacon to Cypress....	850	5	4,250	4.92	1.50	6.42	2.80	.10	2.90	9.32
Londonderry lane...	Chestnut to Pine.....	410	3	1,230	2.55	.75	3.30	1.44	.03	1.47	4.77
Main	Marion to Amory.....	220	2	440	1.53	.40	1.93	.28	....	0.28	2.21
Maple	Amherst to Concord...	400	5-7	2,100	3.28	.40	3.68	2.40	.03	2.43	6.11
Massabesic	Belmont, southerly....	375	2	750	1.64	.50	2.14	2.40	.10	2.50	4.64
Massabesic	Summer to Taylor....	580	3	1,740	3.00	1.25	4.25	.96	.05	1.01	5.26
Michigan avenue....	Briar Ave. to London.	600	3	1,800	3.50	1.50	5.00	2.40	.10	2.50	7.50
Montgomery east back	Kelley to Bremer.....	650	3	1,950	2.20	.75	2.95	1.44	.05	1.49	4.44
Montgomery east back	Mason to Bremer.....	850	3	2,550	6.79	.70	7.49	1.65	.10	1.75	9.24
Nutfield lane.....	Amherst to Concord...	400	5	2,000	3.07	....	3.07	2.00	.05	2.05	5.12
Pearl	Union to Walnut.....	320	5	1,600	1.64	.50	2.14	1.80	.03	1.83	3.97
Pinard	Mast road to bridge...	1,150	1-3	2,750	.....	....	.....	2.55	.12	2.67	2.67
Pine	Bridge to Pearl.....	370	3-5	1,650	6.56	.80	7.36	1.44	.03	1.47	8.83
Prospect	Hall to Belmont.....	415	3	1,245	1.64	.20	1.84	.60	.03	.63	2.47
Prospect south back.	Pine to Union.....	445	3	1,335	3.01	1.00	4.01	2.20	.05	2.25	6.26
Putnam	Cumberland to Railroad	325	3	975	4.92	.60	5.52	1.20	.05	1.25	6.77
Quincy	Granite to Conant....	530	3-5	1,940	3.28	.40	3.68	3.60	.05	3.65	7.33
Reed	Kelley to Bremer.....	625	3	1,875	2.57	.87	3.44	1.20	.05	1.25	4.69
Reed east back.....	Bremer to Dexter....	1,625	3	4,875	7.76	.80	8.56	3.15	.12	3.27	11.83
Reed east back.....	Kelley to Bremer.....	625	3	1,875	1.83	.63	2.46	1.20	.05	1.25	3.71
Rimmon east back...	Putnam to Wayne....	575	3	1,725	2.75	1.25	4.00	1.80	.05	1.85	5.85
Russell	Bridge to Pearl.....	480	5	2,400	2.93	1.00	3.93	2.16	.05	2.21	6.14
Silver	Belmont to Taylor....	650	3	1,950	1.15	.30	1.45	1.92	.05	1.97	3.42
Tilton	Milford to Bowman Place	500	5	2,500	2.66	1.00	3.66	2.00	.05	2.05	5.71
Vine	Amherst to Concord...	380	6-7	1,610	3.85	....	3.85	.....	....	.....	3.85
Walnut	North of Webster, northerly	975	3	2,925	5.37	1.40	6.77	1.92	.10	2.02	8.79
Ward	River road to B. & M. railroad	2,225	3	6,675	6.66	2.00	8.66	4.32	.24	4.56	13.22
Wilson	Auburn to East Spruce	590	5-7	3,070	3.50	1.50	5.00	3.12	.05	3.17	8.17
Youville east back...	Bremer to Mason.....	800	3	2,400	2.20	.75	2.95	1.20	.05	1.25	4.20
		40,290		144,615	$208.02	$53.70	$261.72	$140.58	$4.08	$144.66	$406.38

TABLE No. 33.

COST RECORD—MISCELLANEOUS.

No. of orders	Description	By whom ordered	Field Work				Office Work			
			Labor	Auto or team	Stock	Total	Labor	Stock	Total	Total cost
21	Grades (Miscellaneous)	Abutters	$57.47	$20.55	$2.92	$80.94	.....	.....	.....	$80.94
85	Grades (Sidewalks)	Abutters	211.63	60.56	8.56	280.75	.....	.....	.....	280.75
20	Grades (Sidewalks)	Office	83.05	17.00	1.26	101.31	.....	.....	.....	101.31
17	Grades (Sidewalks)	Robie Con. Con. Co.	34.56	10.85	1.23	46.64	.....	.....	.....	46.64
5	Grades (Water pipe)	Water Works	31.49	10.10	2.24	43.83	.....	.....	.....	43.83
15	Levels (Miscellaneous)	Office	132.01	29.25	.65	161.91	.....	.....	.....	161.91
8	Lines (Miscellaneous)	Abutters	22.55	4.70	.17	27.42	.....	.....	.....	27.42
40	Lines (Miscellaneous)	Police Department	28.83	10.30	.72	39.85	$1.62	.....	$1.62	41.47
3	Locations (Miscellaneous)	Office	9.92	2.95	.....	12.87	.....	.....	.....	12.87
2	Measurements (Miscellaneous)	Office	18.02	.20	.....	18.22	.....	.....	.....	18.22
109	Petitions (Miscellaneous)	Abutters	.....	.....	.....	.....	15.26	.....	15.26	15.26
6	Plans (Miscellaneous)	Office	.....	.....	.....	.....	33.65	$0.94	34.59	34.59
11	Plans (Numbering)	Office	.....	.....	.....	.....	29.24	.45	29.69	29.69
4	Street lines (Miscellaneous)	Abutters	11.21	3.75	.24	15.20	.....	.....	.....	15.20
3	Street lines (Miscellaneous)	Office	30.10	4.25	.25	34.60	.....	.....	.....	34.60
12	Surveys (Miscellaneous)	Office	218.49	33.60	.69	252.78	.....	.....	.....	252.78
361			$889.33	$208.06	$18.93	$1,116.32	$79.77	$1.39	$81.16	$1,197.48

TABLE No. 34.

COST RECORD—STREET SIGNS.

No. of signs	Labor	Team or auto	Stock	Total
7	$2.03	$1.19	$6.30	$9.52

Name of street painted on both sides of sign, sign secured in cast-iron hangers by two nails and hangers fastened by four nails to trees, wooden electric light poles, wooden trolley poles and telephone poles. (Stock includes one sign, one sign-hanger, and six nails.)

Average cost of labor per sign for 7 signs	$0.29
Average cost of auto per sign for 7 signs	.17
Average cost of stock per sign for 7 signs	.09
Average cost per sign for 7 signs	1.36

TABLE No. 35.

COST RECORD—SCHOOLHOUSE SIGNS.

No. of signs	Labor	Team or auto	Stock	Total
2	$0.58	$0.34	$2.16	$3.08

The words, "Schoolhouse, Caution," painted on one side of sign, sign secured in cast-iron hangers by two nails and hangers fastened by four nails to trees, wooden electric light poles, wooden trolley poles or telephone poles (stock includes one sign, one sign-hanger and six nails).

Average cost of labor per sign for 2 signs	$0.29
Average cost of auto per sign for 2 signs	.17
Average cost of stock per sign for 2 signs	.08
Average cost per sign of 2 signs	1.54

TABLE No. 36.

COST RECORD—AUTO SIGNS.

No. of signs	Labor	Team or auto	Stock	Total
10	$9.62	$4.96	$19.00	$33.58

Name of street, distance and direction to next turn and distance to certain towns and cities en route painted on one side of sign, sign secured in cast-iron hangers by two nails and fastened by four nails to trees, wooden electric light poles, wooden trolley poles and telephone poles. (Stock includes one sign, one sign-hanger, and six nails.)

Average cost of labor per sign for 10 signs	$0.962
Average cost of auto per sign for 10 signs	.496
Average cost of stock per sign for 10 signs	1.90
Average cost per sign for 10 signs	3.358

TABLE No. 37.

COST RECORD—RAILROAD SIGNS.

No. of signs	Labor	Team or auto	Stock	Total
89	$42.74	$58.53	$143.29	$244.56

The words, "——— feet to Railroad crossing," on one side of enameled metal sign, sign screwed to board, secured, in cast-iron hanger by two nails and hanger fastened by four nails to trees, wooden electric poles, wooden trolley poles, telephone poles or special posts. (Stock includes one sign, one sign-hanger and six nails).

Average cost of labor per sign for 89 signs	$0.4803
Average cost of auto per sign for 89 signs	.6576
Average cost of stock per sign for 89 signs	1.61
Average cost per sign for 89 signs	2.7490

TABLE No. 38.

COST RECORD—STREET NUMBERS.

No. of orders	Labor	Team	Auto	Stock	Total
352	$66.89	$5.20	$8.77	$32.70	$113.56

TABLE No. 39.

COST RECORD—CEMETERIES

No. of orders	Location	Office Work			Field Work			Total cost
		Labor	Stock	Total	Labor	Auto	Total	
5	Pine Grove cemetery	$8.00	....	$8.00	$35.65	$7.35*	$43.00	$51.00

*Car fare, $1.60.

TABLE No. 40.

COST RECORD—BOARD OF PUBLIC WORKS

No. of orders	Description of work	Labor	Auto or team	Stock	Total cost
4	Lines and grades (bank wall)	$19.29	$6.75	.....	$26.04
27	Lines and grades (Candia Rd.)	208.96	69.50	$11.55	290.01
39	Lines and grades (corner curbs)	157.53	52.50	8.21	218.24
2	Lines and grades (culverts) ..	8.69	3.00	.12	11.81
93	Lines and grades (curbs)	270.20	81.78	12.99	364.97
7	Lines and grades (curbs and corner curbing)	48.18	16.10	3.76	68.04
10	Lines and grades (Elm street dry bridge)	45.31	15.50	.63	61.44
1	Lines and grades (gutters) ...	1.64	.50	.....	2.14
5	Lines and grades (miscellaneous)	22.45	6.85	2.88	32.18
9	Lines and grades (paving) ...	34.13	11.50	3.18	48.81
58	Lines and grades (sewers) ...	193.73	58.95	.95	253.63
4	Lines and grades (sidewalks).	12.00	4.50	.73	17.23
4	Lines and grades (sidewalks and curbs)	24.79	8.50	1.73	35.02
132	Lines and grades (streets) ...	691.37	226.10	45.40	962.87
2	Locations (cesspools)	5.82	.60	.....	6.42
	Totals	$1,744.09	$562.63	$92.13	$2,398.85

TABLE No. 41.

SUMMARY OF TABLES Nos. 32, 33, 34, 35, 36, 37, 38, 39, 40.

No. of Table	No. of Orders	Field Work				Office Work			
		Labor	Auto or team	Stock	Total	Labor	Stock	Total	Total cost
32	57	$208.02	$53.70	.....	$261.72	$140.58	$4.08	$144.66	$406.38
33	361	889.33	208.06	$18.93	1,116.32	79.77	1.39	81.16	1,197.48
34	7	2.03	1.19	6.30	9.52	.....	.....	.....	9.52
35	2	.58	.34	2.16	3.08	.....	.....	.....	3.08
36	10	9.62	4.96	19.00	33.58	.....	.....	.....	33.58
37	89	42.74	58.53	143.29	244.56	.....	.....	.....	244.56
38	352	66.89	13.97	32.70	113.56	.....	.....	.....	113.56
39	5	35.65	7.35	.....	43.00	8.00	.....	8.00	51.00
40	397	1,744.09	562.63	92.13	2,398.85	.....	.....	.....	2,398.85
Totals	1,280	$2,998.95	$910.73	$314.51	$4,224.19	$228.35	$5.47	$233.82	$4,458.01

To His Honor the Mayor, the board of aldermen, the gentlemen of the common council, and the various committees with whom in the performance of my duties I have come in contact, I wish to express my appreciation of the assistance and support you have rendered to me during the year.

My acknowledgements are due the gentlemen of the Board of Public Works for their courtesy, consideration and coöperation in matters in which we were mutually engaged.

SAMUEL J. LORD,
Engineer.

General Statistics.

City of Manchester, N. H., January 1, 1916.

Manchester is situated on the east and west banks of the Merrimack river, in latitude 43° 00′ 04.3″ north, longitude 71° 26′ 21.1″ west (finial of Weston observatory), at an elevation above sea level of from about 100 feet to about 530 feet.

Zero of the city base is 100.934 feet above sea level.

City hall step is 108.520 feet above zero of city base, or 209.454 feet above sea level.

VARIOUS ELEVATIONS ABOVE SEA LEVEL.

Coping stone of high service reservoir, 500.924 feet.

Rock Rimmon, highest point, 390.56 feet.

Lake Massabesic, 250 feet.

Granite and Main streets about 163 feet, South Main and Milford about 178 feet, Milford and Rochelle avenue about 196 feet, Amory and Main, about 213 feet, Amory and Notre Dame avenue about 236 feet, Elm and Carpenter about 288 feet, Highland and Lowell, about 426 feet, Hanover and Beacon about 354 feet, Lake avenue and Massabesic about 251 feet, Elm and Brown avenue about 211 feet, Cypress and Vinton about 340 feet, Bridge and Hall about 326 feet.

Greatest extent of city, north and south, 11.5 miles; east and west, 5.3 miles.

Merrimack river frontage, 10 miles.

Area of city, including those portions covered by water, approximately 21,700 acres, or 33.906 miles.

AREA OF WARDS.

Ward 1, 4,900 acres; Ward 2, 2,400 acres; Ward 3, 234 acres; Ward 4, 213 acres; Ward 5, 221 acres; Ward 6, 3,400 acres; Ward 7, 359 acres; Ward 8, 7,572 acres; Ward 9, 289 acres; Ward 10, 977 acres; Ward 11, 237 acres; Ward 12, 279 acres; Ward 13, 619 acres.

Most thickly settled ward, Ward 5; most sparsely settled ward, Ward 8.

AREA OF PARKS AND COMMONS.

Derryfield park, 68 acres; Rock Rimmon park, 45 acres; Stark park, 30 acres; Oak Hill reservoir park, 25.65 acres; West Side park, 9.76 acres; Prout park, 3.70 acres; Lafayette park, 2.08 acres; Walker park, 1.60 acres; Simpson park, 0.56 acres; East Side park, 0.44 acres; Merrimack common, 5.89 acres; Concord common, 4.48 acres; Park common, 3.49 acres; Hanover common, 3.00 acres; Parker common, 2.61 acres; Tremont common, 2.25 acres. Total area of parks and commons, 208.51 acres. Valuation $725,000.00.

WATER AREA.

Massabesic lake (entire) 2,400 acres (water shed 40 square miles); area in city, 500 acres; Long Pond, 23.250 acres; Mosquito pond, 21.855 acres; Nutt's pond, 19.095 acres; Stevens pond, 16.276 acres; Merrimack river, 550 acres; Piscataquog river, 50 acres.

Total water area in city, 1,180.476 acres.

Area taxed, approximately 15,000 acres.

Valuation, real estate and personal property, $75,398,164.00; tax rate, 1915, $1.58.

STREETS AND ROADS.

Unpaved streets, not including back streets, lanes or alleys, 122.41 miles.

Paved streets, including such back streets and lanes as are paved, 12.16 miles.

Outlying or country roads, 72.66 miles.

Total miles of streets and roads, 204.99.

PAVED STREETS.

Granite block, cement joints,	1.96 miles	43,510 sq. yds.
Granite block, pitch joints,	0.13 miles	3,302 sq. yds.
Granite block, sand joints (old)	0.41 miles	9,628 sq. yds.
Granite block, sand joints,	2.36 miles	26,956 sq. yds.
Tar concrete,	3.40 miles	55,118 sq. yds.
Tar macadam,	0.10 miles	1,580 sq. yds.
Roc-Mac,	2.61 miles	35,269 sq. yds.
Bithulithic,	0.79 miles	13,799 sq. yds.
Hassam	0.07 miles	1,636 sq. yds.
Wood block,	0.24 miles	3,279 sq. yds.
Total	*12.07 miles	194,077 sq. yds.

*Including gutters on paved streets.

Common width of streets, 50 feet; widest street, 100 feet; narrowest street, 9.84 feet; longest street, city proper, 4.1 miles; suburban, 5.4 miles; shortest street, 120.9 feet.

Sidewalks on street, approximately 200 miles.

Ninety miles of streets have shade trees.

TREES IN CITY.

Number and kind of trees on streets, exclusive of those on the Amoskeag and Stark corporations, 14,701, divided as follows: Elm, 4,345; maple, 7,694; oak, 760; poplar, 971; others, 931.

In public and parochial school yards: Elm, 578; maple, 278; oak, 9; others, 65; total, 424.

In parks, commons and City farm: Elm, 578; maple, 1,284; oak, 70; poplar, 67; others, 12,201; total, 14,200.

Total number of trees of all kinds, 29,325.

CEMETERIES.

Four cemeteries belonging to the city have a combined area of 292 acres; 11 private cemeteries about 75 acres.

SEWERS.

Akron, 74.741 miles; Portland (old), 0.896 miles; Portland (new), 7.402 miles; earthen, 0.603 miles; cement, 5.319 miles; brick, 8.816 miles; cast iron, 0.135 miles; steel riveted, 0.09 miles; total, 98.002 miles.

Largest sewer, 50 inches by 75 inches; smallest, 6 inches.

RAILROADS.

Electric railways, double, counted twice, city lines, 41.70 miles; suburban lines, 22.69 miles.

Steam railroads, double track, about 8.5 miles; single track, about 11.5 miles exclusive of sidings and tracks in railroad yards.

STREET LIGHTS.

600 c. p. Tungstens, 608; 100 c. p. Tungstens, 510; gas, 32; others, 4; total, 1,154.

Number of electric arches over street, 10.

BRIDGES.

Location.	Length in feet	Width of roadway	Nmber of walks	Width of walks	Material	Arches or spans
Amoskeag	765.5	20	1	5.5	Wood	3
Bridge street at upper canal	57	22.5	2	7	Iron	1
Bridge street, McGregor and approaches	1,085	23	2	8	Iron	3
Brown avenue at Goffe's Falls	30	34	2	8	Steel	1
Brown avenue at Cheney's	6	16	..	..	Wood	1
Brown avenue at Little Cohas	16	20	..	..	Wood	1
Cohas avenue at Great Cohas	36	30.5	..	..	Stone	2
Derry road at Great Cohas	38	20	..	..	Wood	1
Derry road near Cohas avenue	33	20	..	..	Steel	1
Derry road near town line	33	30	..	..	Steel	1
Dunbarton road near Black brook	25	17.5	..	..	Wood	1
Elm street at railroad*	89	29.5	1	4.5	Wood	1
Front street at Black brook	16.5	33	..	..	Wood	1
Granite street at lower canal	55	40	2	10	Steel	1
Granite at river	468	40	2	8	Steel	4
Granite street at North Weare railroad	56	37.5	2	6	Iron	1
Island pond road at outlet of lake	46	16	..	..	Steel	1
Kelley street across Piscataquog river	1,033	34	2	8	Steel	13
Main street at Piscataquog river	90	34	2	8	Stone	2
Mammoth road at Great Cohas	38	18	..	..	Wood	1
Mammoth road near town line	14	20	..	..	Wood	1
Merrill road at Manchester & Lawrence railroad	61.5	12	..	..	Wood	1
Mill road at Harvey's mill	59	24	..	..	Steel	1
Parker street at North Weare railroad	53	24	2	6	Iron	1
Second street at Piscataquog river	62	32.5	2	8.75	Steel	1
Second street at Piscataquog river	127	32.5	2	8.75	Steel	1
Webster road at water-works dam	100	17.5	..	..	Wood	5
Weston road east of D. Connor's	6	16	..	..	Wood	1
Willow street at Great Cohas	74	24	..	..	Steel	3

*Bridge closed to team traffic in October, pedestrians and street cars using temporary trestle.

Bridge built full width of street (100) feet but on a skew of about 23 degrees, making the length 295 feet and the width at right angles 28 feet. Construction: abutments and walls, concrete; floor, concrete, reinforced by structural steel.

CITY BUILDINGS.

Schoolhouses, brick, 26; wood, 2; total, 28; valuation, $900,000.00. Engine houses, 11; valuation, $200,000.00. Other public buildings, 11; valuation, $1,170,000.00.

Churches, brick, 14; wood, 30; stone, 2; total, 46.

Postoffice, stone, 1; sub-stations, 16.

Police stations, 2; railroad stations, 6.

FIRE DEPARTMENT.

Steam fire engines, 7; chemical, 1; auto chemical, 1; combination wagons, 2; automobile combination trucks, 3; hose trucks, 4; ladder trucks, 3; auto ladder trucks, 3; aerial ladder truck, 1; hose carriages, spare, 1; chief's auto, 1; exercise wagons, 8; fire-alarm telegraph auto and supply truck, 1.

Number of permanent men in department, 88; call men, 108; horses, 46.

Vaulation of equipment, including fire-alarm telegraph, $204,412.62.

POPULATION.

Population, estimated, January 1, 1916, 85,000.

REPORT

OF THE

TRUSTEES OF CEMETERIES AND CEMETERY FUNDS.

Report of the Trustees of Cemeteries and Cemetery Funds.

To the Trustees of Cemeteries and Board of Mayor and Aldermen:

GENTLEMEN—I have been instructed by the Board of Sub-Trustees of the Pine Grove cemetery to prepare and present their annual report for the year 1915, and herewith submit the following as such report.

The appropriation for the care and maintenance of Pine Grove cemetery for 1915 was $20,000.00. The amount of money paid to the superintendent by the owners of ordinary lots and by the Trustees of the Cemetery Fund for lots under perpetual and semi-perpetual care, for water and care during the year and for interments, removals, grading lots, foundations, for water used at the tenement houses, use of chapel, sale of flowers, rent of tenements and sundries and for deposits on lots was $10,631.82. This amount was paid by the superintendent to the city treasurer, who also received from the sale of lots during the year the sum of $3,240.01, so that the total receipts in cash paid into the city treasury were $13,871.83, thus reducing the actual cost of the maintenance of the cemetery to the sum of $6,128.17. Also their is still due and unpaid for water and care of lots and for labor putting in foundations the sum of $400, which, when paid, will still further reduce the actual cost to the city.

The appropriation for the care of Merrill yard was $100, and the receipts paid into the city treasury on account of that yard were $76, leaving the net expense to the city, $24.

Pine Grove cemetery and the Merrill Yard were cared for in the usual way during the year, the work being conducted as has been the case for many years under the supervision of John H. Erskine, superintendent.

In addition to the ordinary work of maintenance we might mention that eight hundred and eighty feet of six-inch galvanized water main, with the necessary fittings for future connections, were laid in the north part of Pine Grove cemetery in anticipation of future need. A new lowering device and a tent to be used at the grave were purchased. Six hundred and fifty corner bounds for lots with the necessary numbers thereon, and eighty-eight cement posts to be used for the fence to enclose the north part of the ground were made during the year. A Ford runabout for use about the grounds was purchased, and repairs were made on the tenement houses, including shingling and repairing

piazza on the Ray Cottage, building a stone cesspool at No. 832 Brown avenue, repairing bath room and installing new fixtures at the Superintendent's residence, and the painting of the settees and rubbish cans used around the cemetery.

In the northwest portion of the grounds about ten thousand feet of border were graded and seeded. A portion of Evergreen Lawn, containing eighty-nine lots and being fifteen thousand eight hundred and ninety-nine square feet, was completed, seeded and staked out with cement corner bounds. Lakeview Lawn was also graded, covered with clay and partially covered with loam, and is ready to be seeded the coming spring. Four hundred and seventy-six loads of clay, five hundred and eleven loads of loam, five tons of ashes, seven and one-half tons of commercial fertilizer and fifty-nine cords of stable dressing were used in the work.

During the year the soil on those lots under perpetual care which had run out was regraded, seeded and put in good condition. Ten private lots were regraded at the owners' expense and a section of old lots containing about forty-one hundred square feet with borders and paths were brought up to grade and covered with clay and loam and grassed over. In the work of grading lawns, paths, borders and new avenues forty-two hundred loads of sand were handled. Considerable work was done upon the lot north of Walnut avenue in the removal of sand preparatory to opening up a new section in that portion of the grounds.

The new avenues in the north part of the grounds have been graded and macadamized to the extent of twenty-five hundred and forty-three square feet of roadway, seven hundred and five tons of broken stone being used for the work. The cost of this stone was covered by the donation of $1,000 made by the Trustees of the Cemetery Fund, the balance of said $1,000 being used to pay for one hundred and forty-one loads of loam. The Sub-Trustees express their thanks to the Trustees of the Cemetery Fund for this donation, which as in years past has enabled much important improvement of a permanent character to be done which cannot be paid for out of the appropriation for care and maintenance.

Considerable water pipe has been laid during the year, in which work there have been used four hundred feet of three-inch galvanized pipe, five hundred and forty-eight feet of two-inch galvanized pipe, two hundred feet of one-inch galvanized pipe, one hundred feet of three-quarter inch galvanized pipe and one hundred feet of one-inch plain iron pipe. This will care for the sections containing Lakeview and Evergreen Lawns as now developed as well as for the future growth of those lawns. There have also been purchased four hundred feet of six-inch galvanized pipe to extend the water main which was laid during the year. Two new hydrants have been built and a number of old ones repaired. Seventy-five feet of drain pipe were laid in the middle path and one cesspool built there. Other cesspools were con-

structed at the junction of Grove and Lakeview avenues and at the northwest corner of Spruce lawn.

The work involved in the proper care of the lots under perpetual care increases quite rapidly each year, not only because all lots are now sold under either perpetual or semi-perpetual care, but because of the necessity of regrading many of the lots and lawns which have had no such work done upon them for some years. During the year it was necessary to do considerable work in filling up graves, regrading and seeding the lots, removing weeds, cleaning stonework, etc., upon which work there was expended $330 for dressing, $244.50 for fertilizer, $35 for grass seed, $102.75 for hose, etc., and $150.10 for cleaning stonework, all in addition to the ordinary care of cutting and watering the grass. During the year three hundred evergreen trees were set out in the borders and three hundred and forty-seven shrubs were planted in beds prepared for the purpose. There were also planted forty-five hundred tulip plants, two hundred pansy plants, eight hundred forget-me-not plants and four hundred daisy plants, and the estimated value of the plants which were used during the year, most of which were started in the greenhouses and nurseries, was $2275.

A good deal of work is still necessary in the removal of brown-tail and gypsy moth nests. These pests continue in about the same number, although possibly the number of brown-tail moth nests may be a little smaller.

It may be interesting to note that the total amount of the perpetual care fund for the Pine Grove cemetery, which on January 1, 1915, was $178,963.48, was increased during the year to the extent of $10,772.47, making the total amount December 31, 1915, $189,735.95. The accumulated income of said fund on January 1, 1915, was $9,137.57, and the income for the year 1915 was $8,304.31, and the expense charged to the fund during the year was $7,653.09, leaving a balance of unexpended income on December 31, 1915, of $9,788.79.

During the year 1915 there were three hundred and ninety-one interments, making the total number of burials to December 31, 1915, eleven thousand and twenty-five. Twenty-three bodies were removed from one grave to another, eleven bodies were rmoved from other cemeteries to the Pine Grove cemetery and two were removed from the Pine Grove cemetery. The total number of lots sold to January 1, 1915, was three thousand four hundred and sixty-nine. During the year seventy-one lots were sold. In the single grave section thirty-seven graves were sold in 1915, making the total number sold to December 31, 1915, two hundred. In Swedish Lawn twelve graves were sold during the year, making a total of two hundred and twenty-one sold to December 31, 1915. There now remain unsold thirty-six lots on Chapel Lawn, four on Acacia Lawn, four on Lakeside Lawn, eight on Swedish Lawn, thirty-six on Birch Lawn, fifty on Spruce Lawn, and ninety-three on Evergreen Lawn, a total of two hundred and thirty-one lots. The number of single graves ready for sale is four hundred and seventeen.

During 1915 the number of ordinary lots which were taken care of at the expense of the owners was four hundred and forty. The lots under perpetual and semi-perpetual care which were cared for at the expense of the cemetery fund was eleven hundred forty-five and five hundred eighty-five respectively. The total number of lots the care of which was paid for and the cost paid into the city treasury during the year was twenty-one hundred and seventy, nearly two-thirds of all the lots in the grounds. The labor performed during the year required the employment of an average of twenty men.

Although there was little of extraordinary work performed during the year, the grounds were cared for in a way which kept their general appearance up to the standard of preceding years, and the Sub-Trustees feel that the city received value for the small expense to which it was put during the year.

Respectfully submitted,

EDWIN F. JONES,
Clerk.

To the Trustees of Cemeteries and Board of Mayor and Aldermen of Manchester, N. H.:

In making a public record of the work accomplished in the Valley cemetery under the direction of the Trustees, it is not possible ordinarily to speak of any large undertaking or much of any new work.

The life of a cemetery as old as the Valley—if one can say that a cemetery really has any life—goes along in much the same even channel that a man's life does after it has passed its meridian and so we find that our efficient Superintendent Smith has during the past year expended almost eighty per cent. of the appropriation for labor alone, or some forty-five hundred dollars, keeping seven men employed during substantially eight months of the year, and three men during the entire time in the regular work of caring for the cemetery, and this regular work includes the resetting of four monuments, three headstones, and thirteen markers, the removing of about five hundred loads of sand, and the hauling of about thirty loads of loam in place thereof, the trimming of the trees, the cutting of the grass, the many things that have to be constantly done to keep a cemetery in proper condition.

This does not mean, however, that no new work has been undertaken at the cemetery, because the city in continuance of the agreement made with Mrs. Currier, has put in a culvert on Willow street, and a part of the retaining wall for the same. This made it necessary for the superintendent to build two retaining walls along the brook side from the culvert up to the line of the new bridge, which it is hoped we shall be able to build this year. In the building of this retaining wall there have been used about thirty-five barrels of cement, and when we have been able to fill in and do the proper grading the Currier estate are to build an iron fence for us, and we shall then be able to

develop the west side of the cemetery, so that the lower end thereof will be much improved, especially if the Trustees are able to carry out the plan, which would seem to be an imperative necessity, of a new concrete bridge, suitable for carriages, to replace the wooden structure which is now there, and in bad condition. An appropriation of five hundred dollars has been asked of the city for this purpose.

It is a pleasure to be able to report as we have for the last few years an increase in the number of lots placed under perpetual care, the increase this year being ten, and making in all, two hundred ninety-seven lots which are under perpetual care—while the number of lots under annual care is two hundred and five.

That the cemetery really has a stronghold upon the love and affection of our people is evidenced by the generosity with which these public spirited citizens have given memorials, such as the Currier gates and the retaining wall and new fence along Willow street from the same source. The same public spirit has been shown by Mrs. Eliza B. Green, in the carrying out of the wishes of her husband, Frank E. Green, by the erection of most appropriate gates at the Pine street enrance of the cemetery, these beautiful gates harmonizing well with those at the Chestnut street entrance. A similar display of this beneficent spirit is seen in the magnificent tomb of the Harrington estate, and a gift to the city of a perpetual fund of two thousand dollars, the income of which is to be used for the care and maintenance thereof.

During the year there have been thirty-five interments and thirty-six bodies have been placed in the tomb.

The actual expense to the city of doing this work would be considerable more than the sum appropriated were it not for the fact that the cemetery receives from the care of lots, grading, tomb fees, etc., each year, a considerable amount, this year the sum being two thousand and seventy dollars.

Respectfully submitted, in behalf of the Trustees,

(Signed) FRANK C. LIVINGSTON,
Clerk.

REPORT OF THE TRUSTEES OF AMOSKEAG CEMETERY FOR THE YEAR 1915.

Appropriation for the year		$250.00
Expenses:		
George C. Harwood, labor	$131.00	
Peter Sefton, labor	102.00	
Water	12.00	
Flowers	5.00	
		$250.00

There have been eleven burials during the year, and the receipts amounted to $39.00.

(Signed) GEO. C. HARWOOD,
Superintendent.

TREASURER'S REPORT.

To the Trustees of Cemeteries:

I herewith present to you the annual report of money received for the year ending December 31, 1915.

Pine Grove Cemetery.

	Interest.	Price of lots.	Permanent Fund.	Total.
Martin Johnson	.....	$42.65	.....	$42.65
Chas. W. George and John A. Sanborn	$1.88	47.00	$129.25	178.13
Caroline Newbern Sweatt..	.....	25.20	69.30	94.50
Sarah E. Masten	3.45	57.20	228.82	289.47
Alma Liebing	.....	37.38	102.79	140.17
Orrin L. Hazelton.....	16.00	33.89	93.19	143.08
Arthur P. Hermsdorf	.....	40.00	110.00	150.00
John W. Cooke	.....	23.80	65.45	89.25
Etta M. Currier	.....	28.40	78.10	106.50
Austin C. Ames	.....	71.85	287.41	359.26
John F. Rowell.....	.....	47.50	130.61	178.11
Thos. McCullum	.....	26.40	72.60	99.00
Mrs. R. Willis Flanders.....	.....	32.00	88.00	120.00
Eliza Ann Lomas.....	.....	39.74	109.29	149.03
Rintha A. Sumner.....	.....	55.39	221.56	276.95
Carl Stiller	.....	26.00	71.50	97.50
Albert F. Emerson	.....	34.60	95.15	129.75
Allen E. Cross.....	.....	64.15	256.61	320.76
Mary C. Ticehurst.....	.....	44.81	142.71	187.52
Dora Streit	.....	44.20	121.55	165.75
Elizabeth Callaghan	.....	42.80	117.70	160.50
Mary E. Huse	.....	79.28	317.11	396.39
Martha E. Arthur.....	.....	52.00	143.00	195.00
Annie Miller	.....	33.28	91.52	124.80
Henry F. Pillsbury.....	.....	40.00	110.00	150.00
Martha B. Ranno	30.20	63.80	255.20	349.20
Mae Blackmar	.....	44.20	121.55	165.75
Archie B. Falconer.....	.....	25.97	71.41	97.38
Samuel Manley	1.16	39.20	107.80	148.16
Heirs Daniel McQuesten....	2.76	73.84	295.38	371.98

	Interest.	Price of lots.	Permanent Fund.	Total.
Ellen Wilson	$0.66	$26.00	$71.50	$98.16
Margaret T. Jones	.....	44.20	121.55	165.75
Michael J. Healy	.....	68.36	273.45	341.81
Robert J. Peaslee	.....	80.00	320.00	400.00
Estella Duncklee	.....	38.19	105.03	143.22
Amanda F. Bowman	.....	27.40	75.35	102.75
Alexander D. MacDonald	.....	30.38	83.52	113.90
Chas. deMoulpied	3.87	100.00	400.00	503.87
Onslow R. Gilbert	.....	29.00	79.75	108.75
Est. Nathaniel Clark	.....	84.57	338.28	422.85
Wm. R. Forsaith, Jr	1.08	34.00	93.50	128.58
Chas. J. Abbott	.....	32.24	88.66	120.90
Geo. H. Bartlett	.....	64.22	256.88	321.10
Andrew Sym	.54	31.24	85.90	117.68
Samuel R. Coldwell	.....	52.00	143.00	195.00
Ernest N. Coldwell	.....	40.00	110.00	150.00
Martha R. Parker	37.80	64.55	258.22	360.57
Arthur M. White	.....	81.21	324.84	406.05
Frank E. Morgan	.....	41.60	114.40	156.00
Mary M. Smith	.....	26.20	72.05	98.25
Lucy A. Bruins	.....	34.31	94.36	128.67
Mae E. Cruise	.....	60.25	165.70	225.95
Est. Frederick A. Platts	5.38	53.83	215.32	274.53
Ann J. Sinville	1.70	32.82	90.25	124.77
Adelia E. and Ida M. Cox	.....	39.72	109.29	149.01
Thomas W. Marland	1.25	41.60	52.00	94.85
Mary R. Ashland	.....	24.20	30.25	54.45
Catherine F. Bell	.....	28.00	35.00	63.00
Lettie M. Hall	5.28	34.04	42.56	81.88
Hector E. Moore	.....	33.60	42.00	75.60
Samuel J. Dearborn	.54	28.60	35.75	64.89
Fred A. Foster	.....	33.60	42.00	75.60
Mrs. Abbie Shepard	.....	10.00	8.00	18.00
Walter H. Underwood	.....	10.00	8.00	18.00
Est. Charles Gourley	.....	10.00	8.00	18.00
Zelda Cowden	.....	10.00	8.00	18.00
Minnie Scheer	.....	20.00	16.00	36.00
Amelia L. Roberts	.....	20.00	16.00	36.00
Bessie Caine	.....	10.00	8.00	18.00
Marie J. Pepin	.....	10.00	8.00	18.00
Janus A. Harlan	.....	10.00	8.00	18.00
Sophie Linke	.....	20.00	16.00	36.00
Grace E. McKenzie	.....	10.00	8.00	18.00
Marcellus Hunt	.....	10.00	8.00	18.00
Arthur F. Smith	.....	10.00	8.00	18.00

	Interest.	Price of lots.	Permanent Fund.	Total.
Marcellus Hunt	.....	$10.00	$8.00	$18.00
Est. Alice Kettell	.....	10.00	8.00	18.00
Loring T. Randall	.....	20.00	16.00	36.00
Harry A. Shaw	.....	10.00	8.00	18.00
Wm. H. Duncan	.....	10.00	8.00	18.00
Thomas F. Malloy	.....	20.00	16.00	36.00
Addie L. Morse	.....	20.00	16.00	36.00
D. L. Robinson	.....	10.00	8.00	18.00
Caroline E. Danforth	.....	10.00	8.00	18.00
Louis D. Goddard	.....	10.00	8.00	18.00
Edwin Ayer	.....	20.00	16.00	36.00
Jennie Betchthold	.....	20.00	16.00	36.00
Ida Otis	.....	10.00	8.00	18.00
J. W. Smith	.....	10.00	8.00	18.00
Sarah Totman	.....	20.00	16.00	36.00
Interest	$113.55			
Sale of lots	.....	$3,126.46		
Permanent Fund	.....	.....	$8,770.92	
Total receipts, sale of lots	.....	.....	.....	$12,010.93
J. H. Erskine, Supt., care of lots	.....	.....	.....	10,631.82
				$22,642.75

CREDIT.

By amount paid to Cemetery Fund:		
Perpetual care lots	$8,195.36	
Partial perpetual care lots	279.56	
Single grave section	296.00	
		$8,770.92
Treasurer's receipts for amount paid to city		3,240.01
Superintendent's receipts for amount paid to city		10,631.82
		$22,642.75

Valley Cemetery.

E. C. Smith, Superintendent, care of lots	$2,070.00

Merrill Yard Cemetery.

J. H. Erskine, Superintendent, care of lots	$76.00

Amoskeag Cemetery.

Geo. C. Harwood, care of lots	$39.00

Respectfully submitted,
FRED L. ALLEN,
Treas. Trustees of Cemeteries.

I hereby certify that I have examined the accounts of Fred L. Allen, treasurer of the trustees of cemeteries, and find the same correctly cast and vouched for.

JAMES E. DODGE,
City Auditor.

To the Trustees of the Cemetery Fund:

GENTLEMEN—I herewith submit to you the thirty-third annual report of the funds received and expenses paid to January 1, 1916.

Pine Grove Cemetery.

Amount of permanent fund January 1, 1915	$178,963.48

RECEIPTS DURING THE YEAR.

George B. Smith	$160.00
Mrs. E. J. Annis	100.00
John H. Boyd	100.00
Eva A. Allen, Exr. Est. Jas. F. Frost	125.00
Marguerite M. Varick	100.00
Ernestine A. Greagor	100.00
F. Gust Wenzel	125.00
Elizabeth J. Chandler	144.00
George W. Gowitzke	100.00
Mrs. R. S. Marshall, Adelaide Farmer	160.00
Martha E. Maiwald	100.00
Annie Jacobs	100.00
Est. Anna C. Peterson	176.35
Harriet B. Moulton	100.00

J. G. Jones	$111.20	
Thomas J. Dalton	100.00	
Mrs. Lizzie Douglass	100.00	

TRANSFERRED FROM PINE GROVE CEMETERY RECEIPTS.

Perpetual care lots	$8,195.36	
Partial perpetual care lots	279.56	
Single grave section	296.00	
		$10,772.47
		$189,735.95

CR.

By bonds on hand	$179,750.00	
By cash on hand	9,985.95	
		$189,735.95

INCOME ACCOUNT.

Income on hand January 1, 1915		$9,137.57
Interest, savings bank	$799.75	
Interest, savings bank, partial perpetual care lots	327.76	
Interest, savings bank, single grave section	53.80	
Interest, Manchester bonds	6,843.00	
Interest, Manchester bonds, partial perpetual care lots	280.00	
		8,304.31
		$17,441.88

EXPENSES PAID DURING THE YEAR.

E. H. Rollins & Sons:	
Premium paid for the purchase of $5,000 of 4% Hospital Bonds, due June 1, 1927, @ $102.40	$120.00
Accrued interest	20.00
E. H. Rollins & Sons:	
Premium paid for the purchase of $4,000 of 4% Hospital Bonds, due June 1, 1928, @ $102.55	102.00
Accrued interest	16.00

E. H. Rollins & Sons:		
Premium paid for the purchase of $15,000 of 4% Water Refunding Bonds, due July 1, 1925, @ $102.07	$310.50	
E. H. Rollins & Sons:		
Premium paid for the purchase of $20,000 of 4% Water Refunding Bonds, due July 1, 1926, @ $102.24	448.00	
Accrued interest	23.35	
William T. Stevens	3.00	
John B. Varick Co.	112.50	
Wood Stubbs & Co	35.00	
W. E. Dunbar & Sons	132.00	
Bridget Clune	9.00	
Manchester Hardware Co	102.75	
J. D. French	300.00	
Empire Granite & Marble Cleaning Co	150.10	
L. P. Tremblay	18.00	
J. H. Erskine, Superintendent:		
Care of Oliver Gould lot	12.00	
Hillside Lawn	607.76	
Woodside Lawn	53.80	
Emily Killey lot	100.67	
Eleanor Annis lot (flowers)	4.00	
Ingham lot (flowers)	18.00	
Ellen Washburn lot (flowers)	3.00	
J. H. Erskine, Superintendent, care of perpetual care lots for the year 1915	3,858.00	
Special Appropriations for Improvements:		
J. D. French (loam)	158.50	
Board of Public Works (broken stone)	501.82	
Palmer & Garmon (broken stone)	371.34	
James Thompson (loam)	62.00	
		$7,653.09
Cash income on hand		9,788.79
		$17,441.88

Valley Cemetery.

Amount of permanent fund January 1, 1915		$44,642.97

RECEIPTS DURING THE YEAR.

John Gillis	$104.80	
William Boyd	108.00	

J. O. Bunker	$100.00	
Aldano Neal	122.40	
Julia B. Wilson	100.00	
Mrs. M. M. Keyes	150.00	
Edwin Kennedy Estate	200.00	
Harry W. Cumner	100.00	
Hattie D. York	160.00	
C. H. Little, Atty. for Hannah B. Darling	200.00	
Ezra W. Kimball	120.00	
W. A. Abbott, Exr. Estate of Mary H. Abbott.	129.20	
		$1,594.40
		$46,237.37

Cr.

By bonds on hand	$45,700.00	
By cash on hand	537.37	
		$46,237.37

INCOME ACCOUNT.

Income on hand January 1, 1915		$9,033.07
Interest, savings bank	$449.06	
Interest, Manchester bonds	2,042.50	
		2,491.56
		$11,524.63

EXPENSES PAID DURING THE YEAR.

E. H. Rollins & Sons:		
Premium paid for $5,000 of 4% Hospital Bonds, due June 1, 1929 @ $102.70	$135.00	
Accrued interest	20.00	
E. H. Rollins & Sons:		
Premium paid for $5,000 of 4% Hospital Bonds, due June 1, 1930, @ $102.85	142.50	
Accrued interest	20.00	
The Boston Humas Co	12.00	
Palmer & Garmon	107.44	
W. E. Dunbar & Sons	72.00	
Pine Grove Cemetery	42.50	
H. Haynes	62.50	
John B. Varick Co	49.90	
E. C. Smith, Supt., care of perpetual care lots for 1915	1,165.00	

E. C. Smith, Supt., painting fence, Bell, Ricker & Cilley lot	$15.75	
		$1,844.59
Cash income on hand		9,680.04
		$11,524.63

Hannah A. Currier Fund.

FOR CARE OF GATEWAY AT VALLEY CEMETERY.

Amount of fund Januay 1, 1915	$500.00

CR.

By cash on hand	$500.00

INCOME ACCOUNT.

Income on hand January 1, 1915	$49.19	
Interest savings bank	21.96	
		$71.15
Cash income on hand		$71.15

Gale Fund Income Account.

Income on hand January 1, 1915		$214.42
Interest savings bank	$8.66	
Income from fund	12.00	
		20.66
		$235.08
Paid E. C. Smith, Supt., care of Gale tomb	$8.00	
Cash income on hand	227.08	
		$235.08

Oliver Gould Fund.

FOR CARE OF LOT IN PINE GROVE CEMETERY.

Amount of fund January 1, 1915	$500.00

CR.

By cash on hand	$500.00

INCOME ACCOUNT.

Income on hand January 1, 1915	$38.94	
Interest, savings bank	21.72	
		$60.66
Paid J. H. Erskine, Superintendent	$12.00	
Paid Trustees of City Library (balance of income)	48.66	
		$60.66

Emily E. Killey Fund.

FOR CARE OF LOT AND IMPROVEMENTS.

Amount of fund January 1, 1915	$2,500.00

CR.

By cash on hand	$2,500.00

INCOME ACCOUNT.

Interest, savings bank	$100.67
Paid J. H. Erskine, Superintendent	$100.67

E. W. Harrington Fund.

FOR CARE OF LOT AND MAUSOLEUM IN VALLEY CEMETERY.

Received from W. B. Stearns, Exr. of the estate of E. W. Harrington	$2,000.00

CR.

By cash on hand	$2,000.00

INCOME ACCOUNT.

Interest savings bank	$26.67
Cash income on hand	$26.67

Edith F. Stark Estate.

FOR THE CARE OF THE STARK BURIAL LOT AT STARK PARK.

Received from Ella M. Wells, Executrix	$1,000.00

CR.

By cash on hand	$1,000.00

Merrill Yard Cemetery.

Amount of permanent fund January 1, 1915		$1,487.89

CR.

By bonds on hand	$1,250.00	
By cash on hand	237.89	
		$1,487.89

INCOME ACCOUNT.

Income on hand January 1, 1915		$552.93
Interest Manchester Bonds	$32.50	
Interest savings bank	72.24	
		104.74
		$657.67
E. H. Rollins & Sons, premium paid on $1,000 of 4% Hospital Bonds	$25.50	
Accrued interest	4.00	
J. H. Erskine, Supt., care of lots	41.00	
Cash income on hand	587.17	
		$657.67

Respectfully submitted,

FRED L. ALLEN,
Treasurer of Trustees of Cemetery Fund.

This is to certify that I have examined the books of account of Fred L. Allen, treasurer of the Cemetery Funds, embracing the receipts and expenditures for the year 1915, and I find the same correct and properly vouched. I have also examined the securities in which said fund is invested and find as follows:

Pine Grove Cemetery.

20 city of Manchester 5% cemetery bonds, Nos. 1, 2, 3, 5, 6, 8, 9, 10, 11, 13, 14, 15, 16, 17, 18, 22, 23, 24, 26, 28, due 1942, denomination $1,000 each	$20,000.00
2 city of Manchester 5% cemetery bonds, Nos. 1 and 2, due 1942, denomination $500 each	1,000.00

1 city of Manchester 5% cemetery bond, No. 3, due 1942	$50.00	
16 city of Manchester 3½% city bonds, Nos. 21, 22, 23, 71, 72, 73, 74, 75, 91, 92, 94, 95, 96, 97, 98, 99, due April 1, 1919, denomination $1,000 each	16,000.00	
5 city of Manchester 4% hospital bonds, Nos. 56, 57, 58, 59, 60, due June 1, 1927, denomination $1,000 each	5,000.00	
4 city of Manchester 4% hospital bonds, Nos. 61, 62, 63, 65, due June 1, 1928, denomination $1,000 each	4,000.00	
15 city of Manchester refunding water bonds, 4%, Nos. 62 to 76 inc., due July 1, 1925, denomination $1,000 each	15,000.00	
20 city of Manchester 4% refunding water bonds, Nos. 81 to 100 inc., due July 1, 1926, denomination $1,000 each	20,000.00	
2 city of Manchester 4% improvement bonds, Nos. 1, 2, due April 1, 1916, denomination $1,000 each	2,000.00	
14 city of Manchester 4% water bonds, Nos. 21, 22, 23, 24, 25, 26, 27, 28, 50, 51, 56, 57, 58, 59, due January 1, 1917, denomination $1,000 each	14,000.00	
4 city of Manchester 3½% municipal bonds, Nos. 41, 42, 43, 44, due July 1, 1922, denomination $1,000 each	4,000.00	
21 city of Manchester 3½% cemetery bonds, Nos. 1 to 21 inc., due October 1, 1930, denomination $1,000 each	21,000.00	
1 city of Manchester 4% bond, due October 1, 1933	6,700.00	
11 city of Manchester 4% refunding cemetery bonds, Nos. 5 to 15 inc., due July 1, 1916, to July 1, 1921, denomination $1,000 each	11,000.00	
19 city of Manchester 4% water bonds, Nos. 81 to 99 inc., due Nov. 1, 1921, denomination $1,000 each	19,000.00	
14 city of Manchester 4% water bonds, Nos. 61 to 74 inc., due Nov. 1, 1920, denomination $1,000 each	14,000.00	
5 city of Manchester 4% water bonds, Nos. 75 to 79, inc., due November 1, 1920, denomination $1,000 each	5,000.00	
2 city of Manchester 4% water bonds, Nos. 41, 42, due Nov. 1, 1919, denomination $1,000 each	2,000.00	
		$179,750.00

Cash on deposit in Manchester Savings Bank, Book No. 50420	$4,937.56	
Cash on deposit in Mechanics Savings Bank, Book No. 3413	4,877.35	
Cash on deposit in Mechanics Savings Bank, Book No. 4407	8,359.83	
Cash on deposit in Mechanics Savings Bank, Book No. 4522	1,600.00	
		19,774.74
Total amount of permanent fund and income, December 31, 1915		$199,524.74

Valley Cemetery.

5 city of Manchester 4% hospital bonds, Nos. 66, 67, 68, 69, 70, due June 1, 1929, denomination $1,000 each	$5,000.00	
5 city of Manchester 4% hospital bonds, Nos. 71, 72, 73, 74, 75, due June 1, 1930, denomination $1,000 each	5,000.00	
10 city of Manchester 4% water bonds, Nos. 43 to 52 inc., due Nov. 1, 1919, denomination $1,000 each	10,000.00	
5 city of Manchester 4% cemetery refunding bonds, Nos. 16 to 20 inc., due July 1, 1921, to July 1, 1923, denomination $1,000 each	5,000.00	
8 city of Manchester 5% cemetery bonds, Nos. 4, 7, 12, 19, 20, 21, 25, 27, due 1942, denomination $1,000 each	8,000.00	
2 city of Manchester 5% cemetery bonds, Nos. 2 and 4, due 1942, denomination $50 each	100.00	
3 city of Manchester 4% improvement bonds, Nos. 3, 4, 5, due April 1, 1916, denomination $1,000 each	3,000.00	
3 city of Manchester 3½% city bonds, Nos. 81, 92, 100, due April 1, 1919, denomination $1,000 each	3,000.00	
6 city of Manchester 3½% municipal bonds, Nos. 35, 36, 37, 38, 39, 40, due 1922, denomination $1000 each	6,000.00	
6 city of Manchester 5% cemetery bonds, Nos. 3, 4, 5, 6, 7, 8, due 1942, denomination $100 each	600.00	
		$45,700.00

Cash on deposit in Mechanics Savings Bank, Book No. 5569	$6,207.16	
Cash on deposit in Amoskeag Savings Bank, Book No. 68808	4,010.25	
		$10,217.41
		$55,917.41

Merrill Yard Cemetery.

1 city of Manchester 4% hospital bond, No. 64, due June 1, 1928	$1,000.00	
2 city of Manchester 5% cemetery bonds, Nos. 1 and 2, due 1942, denomination $100 each	200.00	
1 city of Manchester 5% cemetery bond, No. 1, due 1942	50.00	
		$1,250.00
Cash on deposit in Amoskeag Savings Bank, Book No. 69517		825.06
		$2,075.06

Gale Fund Income Account.

Cash on hand in Amoskeag Savings Bank, Book No. 34108	$227.08

Special Fund.

Cash on hand in Manchester Savings Bank, Book No. 94650	$500.00
Cash on hand in Manchester Savings Bank, Book No. 94650	$500.00

Hannah A. Currier Fund.

VALLEY CEMETERY.

Cash on hand in Merrimack Savings Bank, Book No. 42740	$571.15

Emily E. Killey Fund.

FOR CARE OF LOT AND IMPROVEMENTS IN PINE GROVE CEMETERY.

Cash on hand in Mechanics Savings Bank, Book No. 7815	$2,500.00

E. W. Harrington Fund.

FOR CARE OF LOT AND MAUSOLEUM, VALLEY CEMETERY.

Cash on hand in Manchester Savings Bank, Book No. 108743	$2,026.67

Edith F. Stark Estate Fund.

FOR CARE OF THE FAMILY BURIAL LOT AT STARK PARK.

Cash on hand in Amoskeag Savings Bank, Book No. 122381	$1,000.00

Total amount of fund and income December 31, 1915	$264,342.11

JAMES E. DODGE,
City Auditor.

REPORT

OF THE

TRUSTEES OF THE SINKING FUND.

Report of the Trustees of the Sinking Fund.

To the Mayor and Aldermen of the City of Manchester:

GENTLEMEN—As required by chapter 37, section 4, of the City Ordinances of Manchester, the Trustees of the Sinking Fund of the City of Manchester herewith report the condition of the several funds January 1, 1916, with receipts and disbursements for the year ending December 31, 1915.

FRED L. ALLEN,
Treasurer, Trustees of the Sinking Fund.

IMPROVEMENT LOAN.

Total amount of fund January 1, 1915, for the payment of improvement bonds		$215,169.26
Interest on Manchester bonds	$4,882.50	
Interest on Boston bonds	875.00	
Interest on bank deposits	530.56	
		6,288.06
		$221,457.32

CR.

City of Manchester:		
For the payment of improvement bonds maturing April 1, 1915		$100,000.00
Bonds on hand December 31, 1915	$80,000.00	
Cash on hand December 31, 1915	41,457.32	
		121,457.32
		$221,457.32

WATER LOAN.

Total amount of fund January 1, 1915, for the payment of water bonds		$96,073.70
Appropriation, 1915	$5,000.00	
Hydrant service, 1915	24,250.00	
Water Department for part payment of water bonds maturing Dec. 16, 1915	17,000.00	

Interest on Manchester bonds	$2,000.00	
Interest on bank deposits	901.98	
		$49,151.98
		$145,225.68

CR.

City of Manchester:		
For payment of water bonds maturing December 16, 1915		$50,000.00
Bonds on hand December 31, 1915	$58,000.00	
Cash on hand December 31, 1915	37,225.68	
		95,225.68
		$145,225.68

SCHOOL LOAN.

Total amount of fund January 1, 1915, for the payment of school bonds maturing July 1, 1916		$42,559.98
Interest Manchester bonds	$1,190.00	
Interest bank deposit	546.31	
		1,736.31
		$44,296.29

CR.

Bonds on hand December 31, 1915	$23,000.00	
Cash on hand December 31, 1915	21,296.29	
		$44,296.29

CITY FUNDING LOAN.

Total amount of fund January 1, 1915, for the payment of bonds maturing April 1, 1919		$78,484.47
Interest Manchester bonds	$2,647.50	
Interest bank deposit	131.00	
		2,778.50
		$81,262.97

CR.

Bonds on hand December 31, 1915	$73,000.00	
Cash on hand December 31, 1915	8,262.97	
		$81,262.97

MUNICIPAL LOAN.

Total amount of fund January 1, 1915, for the payment of bonds maturing July 1, 1922		$57,151.46
Appropriation, 1915	$4,000.00	
Interest Manchester bonds	1,320.00	
Interest bank deposit	369.89	
		5,689.89
		$62,841.35

CR.

Bonds on hand December 31, 1915	$43,000.00	
Cash on hand December 31, 1915	19,841.35	
		$62,841.35

CITY REFUNDING LOAN.

Total amount of fund January 1, 1915, for the payment of bonds maturing April 1, 1925		$26,014.72
Appropriation, 1915	$2,500.00	
Interest, Manchester bonds	760.00	
Interest, bank deposit	375.73	
		3,635.73
		$29,650.45

CR.

Bonds on hand December 31, 1915	$4,000.00	
Cash on hand December 31, 1915	25,650.45	
		$29,650.45

REFUNDING CITY LOAN.

Total amount of fund January 1, 1915, for the payment of bonds maturing April 1, 1927		$19,399.55
Appropriation, 1915	$2,500.00	
Interest, Manchester bonds	440.00	
Interest, bank deposit	196.36	
		3,136.36
		$22,535.91

CR.

Bonds on hand December 31, 1915	$11,000.00	
Cash on hand December 31, 1915	11,535.91	
		$22,535.91

REFUNDING CITY LOAN.

For the payment of bonds maturing April 1, 1929:		
Appropriation for 1915		$2,500.00

CR.

By cash on hand December 31, 1915		$2,500.00

IMPROVEMENT LOAN, SERIES E.

Amount of fund January 1, 1915, for the payment of bonds maturing April 1, 1930		$26,945.27
Appropriation, 1915	$5,000.00	
Interest, Manchester bonds	600.00	
Interest, bank deposit	105.80	
Interest, Manchester note	330.00	
		6,035.80
		$32,981.07

CR.

Bonds on hand December 31, 1915	$15,000.00	
Cash on hand December 31, 1915	17,981.07	
		$32,981.07

CEMETERY LOAN.

Total amount January 1, 1915, for the payment of bonds maturing October 1, 1930		$4,425.98
Appropriation, 1915	$1,050.00	
Interest, bank deposit	166.50	
		1,216.50
		$5,642.48

CR.

Cash on hand December 31, 1915		$5,642.48

CEMETERY LOAN.

Total amount January 1, 1915, for the payment of bonds maturing October 1, 1933		$335.00

Appropriation, 1915	$335.00	
Interest, bank deposit	10.05	
		345.05
		$680.05

CR.

Cash on hand December 31, 1915.....	$680.05

Respectfully submitted,

FRED L. ALLEN,

Treasurer of the Trustees of the Sinking Fund.

This is to certify that I have examined the accounts of Fred L. Allen, treasurer of the Trustees of the Sinking Fund, embracing the receipts and expenditures for the year ending December 31, 1915, and find the same correct and properly vouched. I have also examined the securities in which the fund is invested and find the same as follows:

IMPROVEMENT LOAN.

No. of bonds held.	Descriptive No. of Bonds.	Value of bond.	Kind.	Rate of interest.	Due.	Amount.
18	Nos. 17 to 20 inc., 60 to 65 inc., 77, 78, 3, 4, 44, 38, 39, 40	$1,000	Water	4%	Jan. 1, 1917	$18,000.00
5	Nos. 52 to 56	$1,000	City Funding	3½%	April 1, 1919	5,000.00
21	Nos. 21 to 33 inc., 64 to 71 inc.	$1,000	Municipal	3½%	July 1, 1922	21,000.00
5	Registered	$5,000	City of Boston	3½%	June 1, 1944	25,000.00
11	Nos. 29 to 39 inc.	$1,000	Refunding	3½%	April 1, 1925	11,000.00
	Bonds on hand	.....	.....	...	.....	$80,000.00
	Cash on hand	.....	.....	...	.....	41,457.32
						$121,457.32

WATER LOAN.

No. of bonds held.	Descriptive No. of Bonds.	Value of bond.	Kind.	Rate of interest.	Due.	Amount.
3	Nos. 71, 72, 97	$1,000	Improvement	4%	April 1, 1916	$3,000.00
20	Nos. 1 to 20 inc.	$1,000	Water	4%	Nov. 1, 1917	20,000.00
23	Nos. 79 to 84 inc., 71 to 74 inc., 89 to 100 inc., 35	$1,000	Water	4%	Jan. 1, 1917	23,000.00
1	No. 70	$1,000	City Funding	3½%	April 1, 1919	1,000.00
11	Nos. 40 to 50 inc.	$1,000	Refunding	3½%	April 1, 1925	11,000.00
	Bonds on hand	.....	.....	...	.....	$58,000.00
	Cash on hand	.....	.....	...	.....	37,225.68
						$95,225.68

SCHOOL LOAN.

No. of bonds held.	Descriptive No. of Bonds.	Value of bond.	Kind.	Rate of interest.	Due.	Amount.
21	Nos. 18, 9, 54 to 59 inc., 81 to 93 inc....	$1,000	Improvement (Series D)..	4%	April 1, 1916	$21,000.00
2	Nos. 2 and 3.....	$1,000	City Funding	3½%	April 1, 1919	2,000.00
	Bonds on hand	.....	.....	...	.....	$23,000.00
	Cash on hand	.....	.....	...	.....	21,296.29
						$44,296.29

MUNICIPAL LOAN.

For the payment of bonds maturing July 1, 1922

No. of bonds held.	Descriptive No. of Bonds.	Value of bond.	Kind.	Rate of interest.	Due.	Amount.
4	Nos. 37 to 40 inc.	$1,000	School	4%	July 1, 1916	$4,000.00
4	Nos. 52, 53, 54, 55	$1,000	Water	4%	Jan. 1, 1917	4,000.00
3	Nos. 26, 27, 28	$1,000	Refunding	3½%	April 1, 1925	3,000.00
32	Nos. 34, 45 to 60 inc., 6 to 20 inc.	$1,000	Municipal	3½%	July 1, 1922	32,000.00
	Bonds on hand	.....	.....	...	.....	$43,000.00
	Cash on hand	.....	.....	...	.....	19,841.35
						$62,841.35

CITY FUNDING LOAN.

For the payment of bonds maturing April 1, 1919.

No. of bonds held.	Descriptive No. of Bonds.	Value of bond.	Kind.	Rate of interest.	Due.	Amount.
52	Nos. 1, 58 to 69 inc., 6 to 20 inc., 57, 29 to 51 inc.	$1,000	City Funding	3½%	April 1, 1919	$52,000.00
14	Nos. 1, 2, 3, 4, 5, 72 to 80 inc.	$1,000	Municipal	3½%	July 1, 1922	14,000.00
1	No. 50	$1,000	Improvement	4%	April 1, 1916	1,000.00
6	Nos. 85, 86, 87, 88, 41, 42	$1,000	Water	4%	Jan. 1, 1917	6,000.00
	Bonds on hand	.....	.....	...	.....	$73,000.00
	Cash on hand	.....	.....	...	.....	8,262.97
						$81,262.97

CITY REFUNDING LOAN.

For the payment of bonds maturing April 1, 1925.

No. of bonds held.	Descriptive No. of Bonds.	Value of bond.	Kind.	Rate of interest.	Due.	Amount.
4	Nos. 78, 70, 79, 80	$1,000	Improvement	4%	April 1, 1916	$4,000.00
	Bonds on hand	.....	.....	...	.....	$4,000.00
	Cash on hand	.....	.....	...	.....	25,650.45
						$29,650.45

REFUNDING CITY LOAN.

For the payment of bonds maturing April 1, 1927.

No. of bonds held.	Descriptive No. of Bonds.	Value of bond.	Kind.	Rate of interest.	Due.	Amount.
4	Nos. 37, 66, 69, 70	$1,000	Water	4%	Jan. 1, 1917	$4,000.00
7	Nos. 30 to 36 inc.	$1,000	School	4%	July 1, 1916	7,000.00
	Bonds on hand	.....	.....	...	.....	$11,000.00
	Cash on hand	.....	.....	...	.....	11,535.91
						$22,535.91

IMPROVEMENT LOAN (Series E).

For the payment of bonds maturing April 1, 1930.

No. of bonds held.	Descriptive No. of Bonds.	Value of bond.	Kind.	Rate of interest.	Due.	Amount.
15	Nos. 60 to 69 inc., 73 to 77 inc.	$1,000	Improvement	4%	April 1, 1916	$15,000.00
	Bonds on hand	.....	.....	...	.....	$15,000.00
	Cash on hand	.....	.....	...	.....	17,981.07
						$32,981.07

REFUNDING CITY LOAN.

For the payment of bonds maturing April 1, 1929.

Cash on hand	$2,500.00

CEMETERY LOAN.

For the payment of bonds maturing October 1, 1930.

Cash on hand	$5,642.48

CEMETERY LOAN.

For the payment of bonds maturing October 1, 1933.

Cash on hand	$680.05
Total amount of Sinking Fund	$499,073.57

JAMES E. DODGE,
City Auditor.

Report of the City Physician.

Report of the City Physician.

MANCHESTER, N. H., March 21, 1916.

To His Honor the Mayor and Board of Aldermen of the City of Manchester, N. H.:

GENTLEMEN—I herewith submit my annual report as city physician of Manchester for the year 1915.

The number of patients treated, not including those at the police station, Isolation Hospital, or for the Board of Health, or for the Board of Public Works, or examinations for the fire department, was 51. This necessitated 443 house calls, and 201 office calls.

Visits to the police station	185
Visits to the Isolation Hospital	3
Visits for the Board of Health	5
Examinations for the fire department	224
Accidents for the Board of Public Works	24

Necessitating 12 house calls, and 90 surgical dressings at the office.

Respectfully submitted,

H. SCOTT PATTEE,
City Physician.

REPORT

OF THE

DEPARTMENT OF BUILDINGS.

Report of the Department of Buildings.

Office of the Superintendent of Buildings.

Manchester, N. H., December 31, 1915.

To the Honorable Board of Mayor and Aldermen of the City of Manchester:

Gentlemen—I herewith present my annual report in detail of the operations of the Department of Buildings for the year 1915.

In submitting this report to your honorable body, let it be my first duty to express to you my appreciation of the assistance received from so many of the members of the City Government during the year just past. This encouragement, which is most gratefully acknowledged, has been ably seconded by the cheerful and efficient assistance rendered by those attached to this department, who are, as individuals, particularly worthy of commendation for their painstaking efforts and the results of their labors.

The repair work should this coming year be very much facilitated, owing to the machinery and equipments installed at our work shop in the year just past. While we are greatly handicapped because of the limited amount of storage room and working floor space, yet even under those conditions, we hope to make a record for work and efficiency in the department, and further justify the confidence so kindly shown to us by yourselves and His Honor the Mayor.

Permanent improvement has been made on many of the school buildings of the city, a few of which I will mention at this time, not including the many minor improvements which have been made.

At the Amoskeag, Hallsville and Stark schools, steel ceilings were put on. Weather strips were applied to several of the windows and new drinking fountains were installed, also new wiring for lights at the Amoskeag school.

The Ash Street school was painted on the outside and other minor improvements. The fire escapes were painted at the Bakersville, North Main Street and Varney schools. At the Brown and Maynard schools all the closet valves were changed for a more serviceable type of valve, which are more satisfactory in every way, as the others gave continuous trouble. At the Chandler school a new section of piping for cold water was put in. The basements were whitened and all the closet seats and casings refinished at the Hallsville, North Main Street, Parker, Rimon and Varney schools. At the Hallsville school new sinks

were installed in the basement and the boiler was overhauled and repaired. The Harvey District school building was painted on the outside, new water closets installed with a septic tank sewerage system—the tank is built of cement and is of sufficient capacity to take care of the sewerage at this school for many years and is a great improvement over the previous condition.

At the High school new rooms were added and new receptors and drinking fountains were installed. A new hard wood floor was laid and new gutters were made and put on at the Spring Street school. At the Straw school a new floor was laid in the cooking room and the damaged boiler repaired. At the Webster Street school two new floors were laid.

In several of the Fire Engine houses repairs and alterations have been made, much to the benefit of the buildings, and the men who occupy them, notably the finishing of additional rooms for sleeping quarters for the new men of the fire department.

At Engine 3, Lake avenue, seven new rooms were finished off, which includes the piping for gas, new wiring for lights, new fixtures and the extension of steam radiator service, also two slide poles installed, and a boiler which was purchased at a reasonably low price as a second-hand boiler, but practically as serviceable as a new one, was installed.

At Engine 7, Somerville street, one room was finished off and radiator service extended, a new storm porch and several storm windows were built and cellar bottom cemented.

At Engine 5, Webster street, two new rooms were finished, including new hard wood floors in each, and cellar bottom was cemented.

At the Central Fire Station a new radiator service was put in, a portion of the chemical room was partitioned off to be used as a wash room, the partitions built of cement with a cement floor, with sink and cesspool, new radiator shields were put on and a new hot and cold water system with a large storage tank was installed. The fire-alarm telegraph building was painted a third coat throughout the entire building, three new rooms were finished off, also two slide poles installed.

At the Fulton Engine house three additional rooms were finished off and a new stable floor was laid.

At the Fire King Engine house new front doors were put on, and one additional room was finished off.

At Hose 3, South Manchester, two additional rooms were finished off and the radiator service extended.

At the old Court house a new boiler was installed, a new floor was laid in a portion of the hallway and new fire escapes were erected.

At the police station all of the old plumbing in the prison part was renewed, and a new water main was put in, the old plank floor of the stable was taken out, and a cement floor put in and new doors were built and hung at the stable entrance, shelves and partitions were built in the basement in the part used by the electrician, the installing of the prison closets was completed this year.

The foregoing activities of the Building Department taken at random and referred to briefly are only a small, although important part of this year's accomplishments, and the cost of same is included in the amounts shown under heading of permanent improvements in the table of Classified Expenditures, as shown elsewhere in this report.

The department has by earnest efforts, done everything in its power, with the funds at its disposal, to improve the condition of the city buildings as much as possible; their present average condition after nearly one year of constant endeavor, I take pride in stating, is noticeably improved. We have done all we could do, seeing so much that should be done, to avoid exceeding our appropriation. Speaking broadly, however, the buildings are in good average condition, where we hope to keep them, improving them as fast as the opportunity permits.

A thorough canvass of the city has been made, noting the condition of buildings requiring fire escapes, according to an act in relation to fire escapes enacted by the Senate and House of Representatives in 1915, enabling us to establish a card record showing the location and condition as regards safety, also the name and address of the owner, the date when notified to erect fire escapes, also date completed. By this means we are able to follow up each one notified and see that the requirements of the law have been fulfilled.

On the following pages is submitted, in tabulated form the detailed part of this report showing the nature and amount of expenditures during the preceding year, the cost of different classes of work pertaining to repairs and permanent improvement, some of which have been previously mentioned, also a record of building permits, the nature of the structure for which they were granted and the estimated cost of the building operations for the past year.

OFFICE EXPENDITURES.

Salaries	$4,253.00
Telephone service	12.15
Stationery and supplies	106.39
Auto Liability insurance	45.50
Department Automobile, cost, accessories and maintenance	741.23
	$5,158.27
Returned to general fund	841.73
Total amount of appropriation	$6,000.00

TABLE SHOWING THE NUMBER OF PERMITS ISSUED EACH MONTH FOR NEW BUILDINGS WITH THE ESTIMATED COST.

	Jan.	Feb.	Mar.	Apr.	May	June	July
Dwellings	1	1	11	43	27	31	26
Business	4	9	23	37	24	25	26
Total	5	10	34	80	51	56	52

	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Dwellings	24	15	24	22	17	242
Business	21	21	13	27	10	240
Total	45	36	37	49	27	482

ESTIMATED COST.

	Dwellings.	Business.
January	500	$7,060
February	3,000	14,340
March	28,525	24,160
April	153,500	691,488
May	78,468	15,532
June	247,852	41,605
July	59,960	186,290
August	67,545	103,045
September	34,000	10,950
October	66,625	182,190
November	66,410	13,568
December	38,715	2,200
	$845,100	$1,292,428

TABLE SHOWING THE NUMBER OF PERMITS FOR ALTERATIONS, ENLARGEMENTS AND REPAIRS OF OLD BUILDINGS.

	Jan.	Feb.	Mar.	Apr.	May	June	July
Dwellings	16	13	42	53	38	23	38
Business	17	12	21	38	27	15	29
Total	33	25	63	91	65	38	67

	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Dwellings	56	43	45	20	8	395
Business	23	26	32	22	9	271
Total	79	69	77	42	17	666

ESTIMATED COST.

	Dwellings.	Business.
January	$5,991	$5,766
February	5,825	16,900

March	$19,975	$10,420
April	15,729	48,803
May	22,735	19,012
June	8,865	18,595
July	13,815	48,985
August	24,780	11,395
September	14,419	60,933
October	20,366	21,598
November	10,925	20,995
December	1,140	12,560
	$164,565	$295,962

Total expenditures for all building operations during 1915	$2,598,055
Number of building permits issued during the year	1,148
Number of permits issued for electric signs	13
Fire escapes erected and alterations to existing fire escapes	21
Number of inspections made during the year	7,789
Number of inspections made against fire hazard	788
Number of permits refused	3
Number of inspections made buildings three or more stories high, to cause fire escapes to be erected	131

CLASSIFIED PERMITS ISSUED DURING THE YEAR 1915.

	No.	Amount.
Number of permits issued to build wooden buildings, including veneered buildings	456	$822,414
Additions, alterations and repairs to wooden buildings	600	253,645
Number of permits issued to build brick or hollow tile buildings	11	486,000
Additions, alterations and repairs to brick or hollow tile buildings	71	204,606
Number of permits issued to build stone or concrete buildings	3	141,800
Additions, alterations and repairs to stone or concrete buildings	3	38,090
Number of permits issued to build steel skeleton buildings	4	651,500
Total for wooden buildings	1,056	$1,076,059
Total for fire-resisting buildings	92	1,521,996
Grand total	1,148	$2,598,055

Respectfully submitted,

JAMES A. ROGERS,
Superintendent of Buildings.

Report of the City Solicitor.

Report of the City Solicitor.

To His Honor the Mayor and City Councils, City of Manchester:

GENTLEMEN—I hereby submit my report as city solicitor for the year 1915.

The cases pending in court January 3, 1916, were as follows:

8851—Margaret Shea, Admx. of James Shea v. City of Manchester.

8914—Jeremiah Choate v. City of Manchester.

Sess. 24—William F. Harrington and Lawrence J. Harrington v. City of Manchester.

Sess. 33—Petition of County of Hillsborough by its Commissioners, Overseers of the Poor of Nashua and Overseer of the Poor of Manchester.

10289—Cyprian Soucy v. City of Manchester.
Now in Supreme Court.

10289—Endee C. Noury v. City of Manchester.
Now in Supreme Court.

Other cases now pending in court and filed during 1915:

Eq. 475—Peoples Gas Light Company v. City of Manchester and Board of Assessors, petition for abatement of taxes for the year 1914.

Eq. 745—Harry G. Clough v. City of Manchester, petition for abatement of taxes.

Eq. 768—Peoples Gas Light Company v. City of Manchester, petition for abatement of taxes for the year 1915.

2065—Constans Christides v. City of Manchester.

2110—J. B. McCrillis & Son v. City of Manchester, claim for damages alleged to have been caused by defective sewer.

2125—Scott M. Wheeler v. City of Manchester, claim for damages alleged to have been caused by surface water and drainage from street.

2281—Francena Laird v. City of Manchester, claim for damages and personal injury alleged to have been caused by defective highway.

Since the filing of my last report the following cases have been disposed of:

Francena Laird v. City of Manchester, trial by jury for land damage, judgment for plaintiff.

In the R. H. Howes Construction Company case proper entries have been made on Superior Court docket in favor of the city.

In the case of Omer Dallaire v. City of Manchester, trial by jury, verdict for defendant.

In the case of J. H. Mendell Company v. City of Manchester, trial by jury, verict for plaintiff.

In the case of H. B. Ree Company v. City of Manchester, trial, but taken from jury and settled by agreement between parties.

In the case of J. H. Parmerton v. City of Manchester, petition dismissed.

Many other minor claims against the City of Manchester have been considered and finally disposed of, part of them settled through and by order of the Committee on Claims and others through and by order of the Board of Public Works.

During the past year many city departments have required the solicitor's attention, to wit: Water Commission, Fire Department and Board of Public Works.

In disposing of the various matters many oral and written opinions have been made and the drafting of many legal papers, contracts, deeds, etc.

As in the past the solicitor is a constant attendant at all Board of Mayor and Alderman meetings, road hearings, committee on claims, and in conjunction with other committees when requested as well as attending to the general court work.

Owing to the varied work of the solicitor it is impossible to enter into a detailed report, the above at best can only be a summary in order to cover the more important matters.

The solicitor wishes to express thanks to His Honor the Mayor and City Councils and the various officials of the municipality for kind and courteous assistance and consideration during his past year in office.

Respectfully submitted,

CHARLES D. BARNARD,
City Solicitor.

Resolutions, Orders, Ordinances.

RESOLUTIONS, ORDERS, ORDINANCES.

RESOLUTION RECOMMENDING AN APPROPRIATION FOR PRESERVING AND REBINDING OLD RECORDS.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

That the sum of two hundred dollars be and is hereby recommended to the board of common council as an appropriation for the year 1915; said sum of two hundred dollars to be expended for the purpose of continuing the work begun last year in preserving and rebinding the original records of the city of Manchester; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed January 19, 1915.

RESOLUTION RELATING TO AN AGREEMENT BETWEEN STARK MILLS AND THE CITY OF MANCHESTER IN REGARD TO A CERTAIN SEWER.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

WHEREAS, Ubald Hebert and others have joined in a petition for a common sewer to be constructed from the west shore of the Merrimack river north of the Stark Mills, westerly to Coolidge avenue at a point between Bremer and Mason streets, and thence northerly to Rimmon street; and

WHEREAS, The outlet of said sewer will be in the Merrimack river in close proximity to one of the Stark Mills and hence said sewer may, in the future, become a nuisance to said Stark Mills or interfere with building operations on said property; and

WHEREAS, Said Stark Mills has joined in said petition for said sewer and conditionally waived certain damages in the following endorsement on said petition:

The Stark Mills hereby acknowledges due and sufficient notice of the within petition and the order thereon, and agrees to take no exception as to time or manner of calling hearing upon the same. It waives all claim for damages only upon the express condition and stipulation that the city of Manchester and the board of public works will remove said sewer from the property of said mills without expense to the mills, within thirty days of a request in writing so to do; now, therefore, be it

Resolved, That the city of Manchester agrees to remove said sewer from the property of said Stark Mills without expense to the mills, within thirty days of a request in writing so to do; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed January 19, 1915.

RESOLUTION MAKING AN APPROPRIATION OF ONE HUNDRED FIFTY THOUSAND DOLLARS ($150,000.00) TO BUILD AND EQUIP A DESTRUCTOR PLANT.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the sum of one hundred fifty thousand dollars ($150,000.00) be borrowed for the use of said city by issuing bonds in accordance with an act of the legislature of New Hampshire passed at the January session, 1895, entitled "An Act to authorize municipal corporations to issue bonds" and known as the "Municipal Bonds Act, 1895;" said sum to be appropriated for the purchase of land and the erecting of a building and plant for the destruction of garbage, ashes and rubbish upon a site to be determined by the board of public works.

Said bonds to be dated March 1, 1915, and payable to bearer as follows: five thousand dollars ($5,000) on March 1, in each of the years 1916 and 1925 inclusive, and ten thousand dollars ($10,000) on March 1, in each of the years 1926 to 1935 inclusive.

Said bonds to bear the city seal, to be signed by the mayor and countersigned by the city treasurer, and to have coupons attached bearing the fac-simile signature of the city treasurer for the payment of interest, semi-annually, on the first days of March and September of each year; and the city treasurer is hereby authorized to fix the place of payment of interest and principal of said bonds, and the rate of interest of said bonds, and under the instructions of the mayor and the standing committee on finance of the board of common council is authorized to sell said bonds, and to do all things necessary

and proper to complete and carry into effect the issue of said bonds; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed February 1, 1915.

RESOLUTION MAKING A TEMPORARY LOAN OF FIVE HUNDRED THOUSAND DOLLARS ($500,000.00) IN ANTICIPATION OF THE TAXES OF THE PRESENT YEAR.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

That for the purpose of paying such claims against the city of Manchester as may fall due before the twenty-first day of December, 1915, the city treasurer of said city be and is hereby authorized and empowered to make such temporary loans, from time to time, for the use of the said city, of sums not exceeding the aggregate amount of five hundred thousand dollars ($500,000.00); said loans being in anticipation of the taxes of the present year and hereby expressly made payable therefrom; said treasurer giving for the said loans the notes of the said city bearing the authenticating certificate of the Old Colony Trust Company of Boston, Mass.; said notes to be signed by the said treasurer, and countersigned by the mayor of said Manchester, and payable within one year from their respective dates; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed February 2, 1915.

RESOLUTION RECOMMENDING AN APPROPRIATION FOR THE PURPOSE OF BUILDING A TRUNK LINE SEWER IN SOUTH MANCHESTER.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

WHEREAS, A large part of South Manchester is without any sewer accommodations and this lack of sewerage facilities is unsanitary and is retarding the proper growth of this section of the city; therefore be it

Resolved, That the sum of thirty thousand dollars be and is hereby recommended to the board of common council as an appropriation for the year 1915; said sum of thirty thousand dollars to be expended

for the purpose of building a trunk line sewer running down Calef road to Baker street; thence down Baker street to Brown avenue; thence down Brown avenue to below the Tannery Brook reservoir and thence to the Merrimack river; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed February 16, 1915.

RESOLUTION MAKING AN APPROPRIATION OF SEVENTY-FIVE THOUSAND DOLLARS TO BUILD A NEW FIREPROOF CONTAGIOUS HOSPITAL.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the sum of seventy-five thousand dollars ($75,000.00) be borrowed for the use of the said city by issuing bonds in accordance with an act of the legislature of New Hampshire passed at the January session, 1895, entitled "As act to authorize municipal corporations to issue bonds," and known as the "Municipal Bonds Act, 1895;" said sum of seventy-five thousand dollars ($75,000.00) to be appropriated for the purpose of building a new fireproof contagious hospital upon land owned by the city of Manchester and situated on Mammoth road near the junction with Hall road; said bonds to be dated June 1, 1915, and payable to bearer as follows:

Five thousand dollars ($5,000.00) on each of the following dates: June 1, 1916; June 1, 1917; June 1, 1918; June 1, 1919; June 1, 1920; June 1, 1921; June 1, 1922; June 1, 1923; June 1, 1924; June 1, 1925; June 1, 1926; June 1, 1927; June 1, 1928; June 1, 1929; June 1, 1930; said bonds to bear the city seal, to be signed by the mayor and countersigned by the city treasurer, and to have coupons attached bearing the fac-simile signature of the city treasurer for the payment of interest, semi-annually, on the first days of June and December of each year; and the city treasurer is hereby authorized to fix the place of payment of interest and principal of said bonds, and the rate of interest of said bonds; and under the instructions of the mayor and the standing committee on finance of the board of common council, is authorized to sell said bonds, and to do all things necessary and proper to complete and carry into effect the issue of said bonds; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed April 27, 1915.

RESOLUTION RELATING TO THE ISSUANCE OF ONE HUNDRED THOUSAND DOLLARS ($100,000) OF WATER BONDS FOR THE PURPOSE OF REFUNDING THE FOUR PER CENT WATER BONDS MATURING JULY 1, 1915.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That for the purpose of obtaining one hundred thousand dollars ($100,000) with which to pay the one hundred thousand ($100,000) dollars of water bonds now outstanding, bearing four per cent interest, which will become due July 1, 1915, there be issued the bonds of the city of Manchester to the amount of one hundred thousand dollars ($100,000), said bonds to be dated July 1, 1915, and payable $20,000 thereof on the first of July in each of the years 1922 to 1926 inclusive.

Said bonds to bear the city seal, to be signed by the mayor and countersigned by the city treasurer and to bear interest at the rate of four per cent from date and to have coupons attached bearing the fac-simile signature of the city treasurer for the payment of interest at said rate, semi-annually, on the first days of January and July of each year; and the city treasurer is authorized to fix the place of payment of interest and principal of said bonds, and under the instruction of the mayor and the finance committee of the common council, is hereby authorized to sell said bonds and do all things necessary and proper to complete and carry into effect the issue of said bonds. Said bonds to be issued in accordance with an act of the legislature of New Hampshire, passed at the January session, 1895, entitled "An act to authorize municipal corporations to issue bonds."

This resolution shall take effect upon its passage.

Passed June 1, 1915.

RESOLUTION RECOMMENDING AN APPROPRIATION FOR THE PURCHASE OF LAND IN WEST MANCHESTER.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

That, in the opinion of this board, it is desirable that there should be a park and playground in West Manchester and as the Walker estate, so called, seems to be the only available site in the section where a park and playground is most desired and as this property

by reason of the house upon the same can be used as a branch library and milk station or for other municipal purposes; therefore be it

Resolved, That this board recommend to the board of common council that a temporary loan be made for the purchase of the said Walker estate, so called; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed June 22, 1915.

RESOLUTION MAKING A TEMPORARY LOAN OF FIVE THOUSAND DOLLARS FOR PARK AND PLAYGROUND PURPOSES IN WEST MANCHESTER.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the mayor be and is hereby authorized to make a temporary loan of the sum of five thousand dollars ($5,000), giving for the same the note, or notes, of the city of Manchester signed by the mayor and countersigned by the city treasurer and payable on, or before, twelve months from date of issue; said sum of five thousand dollars ($5,000) to be expended for the purpose of purchasing land in West Manchester to be used for park and playground purposes; and be it further

Resolved, That the city clerk be and is hereby authorized to transfer said sum of five thousand dollars ($5,000) to the appropriation for incidental expenses; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed June 29, 1915.

RESOLUTION RESCINDING THE ACTION OF THE COMMON COUNCIL IN VOTING A RE-ISSUE OF BONDS TO REPLACE THE DESTRUCTOR PLANT BONDS, AND TRANSFERRING ONE HUNDRED AND FIFTY THOUSAND DOLLARS FROM THE GENERAL FUNDS.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the resolution passed by this board on Tuesday, April 27, 1915, under a suspension of the rules, and further passed by this board on Tuesday, May 25, 1915, over the mayor's veto and entitled: "Resolution rescinding the action of the common council in appropriating one

hundred and fifty thousand dollars for a destructor plant," be and the same is hereby rescinded and revoked so far as the same refers to the recalling of the destructor plant bonds issued March 1, 1915, and replacing the same by the issue of street and sewer or school bonds; and be it further

Resolved, That it is the sense of this board of common council that the one hundred and fifty thousand dollars ($150,000.00) raised by the resolution passed by this board on Monday, February 1, 1915, and authorizing the issuance of destructor plant bonds be and the same is hereby transferred from the general funds to money unappropriated; and be it further

Resolved, That the money so appropriated shall be transferred from money unapppropriated to the following accounts: macadamizing and new highways, $60,000; new sewers, $40,000; additions to Chandler, Maynard and Wilson street schools, $50,000; and be it further

Resolved, That this resolution shall take effect upon its passage

Passed June 29, 1915.

RESOLUTION RECOMMENDING AN APPROPRIATION FOR MAKING REPAIRS IN CERTAIN FIRE HOUSES IN THE CITY OF MANCHESTER.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

WHEREAS, The recent investigation of the fire department brought out the need of more permanent men in the Manchester fire department; and

WHEREAS, The board of mayor and aldermen, in order to more fully equip each company, passed an ordinance increasing the number of permanent men in said department by eighteen members, and as several of the fire houses to which these new men will be assigned are not suitably arranged to provide sleeping accommodations; therefore be it

Resolved, That the common council be and is hereby recommended to make a temporary loan of such sum as may be needed to make the necessary repairs and alterations in the several stations where needed and in accordance with the accompanying estimate of the superintendent of buildings, which is hereby made a part of this resolution; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed July 6, 1915.

By request of Alderman Harry R. Bennett, chairman of fire department committee, I have prepared the following estimates required for the changes in the several houses for the increase of permanent men.

ENGINE 5.

2 Hardwood floors	$45.00
Carpenter work and plastering	30.00
Painting and whitening	25.00
Electric lights	10.00
	$110.00

ENGINE 6.

Partitions	$299.22
Doors	45.00
Painting	50.00
Electric lights	10.00
Sliding pole	40.00
	$444.22

ENGINE 2.

Painting one room	$25.00

TRUCK 8.

Changing sliding pole	$30.00

HOSE 3.

Partitions	$240.80
4 Doors	72.00
Painting	52.00
Sliding pole	40.00
Change in barn	200.00
	$604.80

ENGINE 1.

Partitions and floors	$288.00
4 Doors	60.00
Painting	30.00
Sliding pole	40.00
	$418.00

ENGINE 7.

Painting	$100.00
Changing radiator	15.00

Closet in hall	$30.00	
	$145.00	

COMBINATION 2.

2 Cupboards	$30.00	

HOSE 2.

Finish room in shed	$350.00	
Total		$2,157.02
Or		
Raise roof of present building and finish rooms in second story		$1,500.00
Total		$3,307.02

JAMES A. ROGERS,
Superintendent of Public Buildings.

RESOLUTION RELATING TO ALDERMANIC INFLUENCE IN SECURING APPOINTMENTS AND TRANSFERS IN THE MANCHESTER FIRE DEPARTMENT.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

That it is the sense of this board that on and after this date no alderman shall use his influence, either directly or indirectly, to secure the election of any individual to the fire department or shall aid or attempt to assist in any way in the promotion, transfer or removal of any fireman in the department but shall refrain from any and all actions that would tend to influence the board of engineers in determining the personnel of the department.

That this resolution shall take effect upon its passage.

Passed July 6, 1915.

RESOLUTION MAKING A TEMPORARY LOAN OF SIX THOUSAND DOLLARS FOR REPAIRS ON PUBLIC BUILDINGS.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the mayor be and is hereby authorized to make a temporary loan of the sum of six thousand dollars, giving for the same the note, or notes, of the city of Manchester, signed by the mayor and

countersigned by the city treasurer, and payable on or before twelve months from the date of issue; said sum of six thousand dollars to be expended for repairs on public buildings; and be it further

Resolved, That the city clerk be and is hereby authorized to transfer said sum of six thousand dollars to the apppropriation known as appropriation for repairs on public buildings; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed July 13, 1915.

RESOLUTION AUTHORIZING AN ISSUE OF SEVENTY-FIVE THOUSAND DOLLARS OF MUNICIPAL BONDS TO BUILD A BRIDGE IN LOWER ELM STREET AND A TRUNK LINE SEWER IN SOUTH MANCHESTER.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the sum of seventy-five thousand dollars ($75,000.00) be borrowed for the use of the said city by issuing bonds in accordance with an act of the legislature of New Hampshire passed at the January session, 1895, entitled, "An act to authorize municipal corporation to issue bonds," and known as the Municipal Bonds Act, 1895; said sum of seventy-five thousand dollars ($75,000.00) to be appropriated as follows:

Forty-five thousand dollars ($45,000.00) to be expended toward the construction of a steel and concrete bridge in lower Elm street over the tracks of the Portsmouth and Lawrence railroads, to replace the wooden bridge now in use, and thirty thousand dollars ($30,000.00) to build a trunk line sewer in South Manchester upon a route to be laid out by the board of public works; said bonds to be dated August 1, 1915, and payable to bearer five thousand dollars ($5,000.00) on August 1 in each of the years 1916 to 1930 inclusive.

Said bonds to bear the city seal, to be signed by the mayor and countersigned by the city treasurer, and to have coupons attached bearing the fac-simile signature of the city treasurer for the payment of interest, semi-annually, on the first days of February and August of each year; and the city treasurer is hereby authorized to fix the place of payment of interest and principal of said bonds, and the rate of interest of said bonds, and under the instructions of the mayor and the standing committee on finance of said board of common council is authorized to sell said bonds, and to do all things necessary and proper to complete and carry into effect the issue of said bonds; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed July 23, 1915.

RESOLUTION AUTHORIZING THE QUEEN CITY LAND AND BUILDING ASSOCIATION AND THE KIMBALL CARRIAGE COMPANY TO ERECT AND MAINTAIN AN OVERHEAD BRIDGE ACROSS LINCOLN STREET IN THE CITY OF MANCHESTER, BETWEEN SILVER AND HARVARD STREETS.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

That permission be and hereby is granted the Queen City Land and Building Association and the Kimball Carriage Company to erect and maintain an overhead bridge across Lincoln street in the city of Manchester, between Silver and Harvard streets, for the purpose of connecting the main building of the F. M. Hoyt Shoe Company on the west side of Lincoln street with the building formerly occupied by the Kimball Carriage Company, on the east side of said Lincoln street, *provided* the plan for the said overhead bridge is approved by the superintendent of buildings; and when so approved, the said bridge to be erected under the supervision and to the satisfaction of the board of public works, and *further provided* that the said Queen City Land and Building Association and the said Kimball Carriage Company shall hold and save the city of Manchester harmless from any claim for loss, cost or damage to any person or property occasioned by the construction and maintenance of the said overhead bridge.

This resolution shall take effect upon its passage.

Passed July 28, 1915.

RESOLUTION MAKING A TEMPORARY LOAN OF FIFTEEN HUNDRED DOLLARS FOR ALTERATIONS TO FIRE STATIONS.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the mayor be and is hereby authorized to make a temporary loan of the sum of fifteen hundred dollars, giving for the same the note, or notes of the city of Manchester, signed by the mayor and countersigned by the city treasurer, and payable on or before twelve months from the date of issue; said sum of fifteen hundred dollars to be expended for alterations to the various fire stations to make suitable quarters for the firemen recently added to the permanent force; and be it further

Resolved, That the city clerk be and is hereby authorized to transfer said sum of fifteen hundred dollars to the appropriation known as appropriation for repairs on public buildings; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed August 3, 1915.

RESOLUTION MAKING A TEMPORARY LOAN OF ONE THOUSAND DOLLARS FOR A HOSE HOUSE AT MASSABESIC.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the mayor be and is hereby authorized to make a temporary loan of the sum of one thousand dollars, giving for the same the note, or notes, of the city of Manchester, signed by the mayor and countersigned by the city treasurer, and payable on or before twelve months from the date, or dates, of issue; said sum of one thousand dollars to be expended for a hose house at Massabesic, so-called, to be situated on land owned by the city of Manchester; and be it further

Resolved, That the city clerk be and is hereby authorized to transfer said sum of one thousand dollars to the appropriation for hose house at Massabesic; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed August 13, 1915.

RESOLUTION MAKING A TEMPORARY LOAN OF EIGHT THOUSAND DOLLARS FOR AN ADDITION TO THE VARNEY SCHOOL.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the mayor be and is hereby authorized to make a temporary loan of the sum of eight thousand dollars, giving for the same the note, or notes, of the city of Manchester, signed by the mayor and countersigned by the city treasurer, and payable on or before twelve months from the date, or dates, of issue; said sum of eight thousand dollars to be expended for an addition of two rooms to the Varney school, so-called, situated on Bowman street, corner of Mast street; and be it further

Resolved, That the city clerk be and is hereby authorized to transfer said sum of eight thousand dollars to the appropriation for addition to Varney School; and be it further

Resolved, That this resolution shall take effect upon its passage.

,Passed October 6, 1915.

RESOLUTION MAKING A TEMPORARY LOAN OF THIRTY-FIVE HUNDRED DOLLARS FOR THE DEPARTMENT OF OVERSEER OF THE POOR.

Resolved by the Board of Common Council of the City of Manchester, as follows:

That the mayor be and is hereby authorized to make a temporary loan of the sum of thirty-five hundred dollars, giving for the same the note, or notes, of the city of Manchester, signed by the mayor and countersigned by the city treasurer, and payable on or before twelve months from the date of issue; said sum of thirty-five hundred dollars to be an additional appropriation for the maintenance of the department of paupers off farm; and be it further

Resolved, That the city clerk be and is hereby authorized to transfer said sum of thirty-five hundred dollars to the appropriation for paupers off farm; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed October 15, 1915.

RESOLUTION RELATING TO THE PISCATAQUOG CEMETERY.

Resolved by the Board of Mayor and Aldermen of the City of Manchester, as follows:

That the city of Manchester agrees to assume the powers as trustee now exercised by the Piscataquog Cemetery Association and to assume control of the funds now held by the said association or which may hereafter be donated or bequeathed for the purpose of the Piscataquog Cemetery and to expend the income thereof in accordance with the terms of the gifts and bequests creating said funds; and be it further

Resolved, That by the foregoing the city of Manchester enters into no agreement to incur any expense in the care of the Piscataquog Cemetery except and to the extent only of the income annually received from the said funds invested; and be it further

Resolved, That this resolution shall take effect upon its passage.

Passed November 9, 1915.

AN ORDER TO DISCONTINUE ONE ARC LIGHT AND TO INSTALL THREE TUNGSTEN LIGHTS.

Ordered, That the committee on lighting streets be and is hereby authorized and empowered to install three tungsten lights with proper fixtures for operating the same; the expense thereof to be charged to the appropriation for lighting streets; said lights to be located as

follows: Corner of Auburn and Hall streets; corner of Auburn and Belmont streets; corner of Cedar and Hall streets, and to discontinue the arc light at the corner of Auburn and Hall streets.

Passed January 19, 1915.

AN ORDER TO INSTALL SEVEN FIRE ALARM BOXES.

Ordered, That the committee on fire department be and hereby is authorized and empowered to install seven fire alarm boxes with proper fixtures for operating the same; the expense thereof to be charged to the appropriation for fire alarm telegraph; said fire alarm boxes to be located as follows: Corner of Mason and Rimmon streets; corner of Stark and Canal streets; corner of Wilson and Harvard streets; corner of Hayward and Taylor streets; corner of Prospect and Linden streets; corner of Hanover and Lincoln streets; corner of Prospect and Elm streets.

Passed May 4, 1915.

AN ORDER RELATING TO THE ERECTION OF A HOSPITAL FOR CONTAGIOUS DISEASES.

Ordered, That the mayor and committee on lands and buildings be and hereby are authorized to expend a sum not to exceed seventy-five thousand dollars ($75,000.00) for the purpose of erecting on land owned by the city of Manchester an isolation hospital for contagious diseases, in accordance with the provisions of a resolution passed by the board of common council authorizing an issue of bonds to the amount of seventy-five thousand dollars ($75,000.00) and to this end, the said mayor and committee on lands and buildings are empowered to call for plans and specifications and do all things necessary and proper to erect the said hospital; the expense thereof to be charged to the appropriation therefor.

Passed June 15, 1915.

AN ORDER TO BUILD A CERTAIN SEWER IN WILLOW STREET FROM GROVE STREET TO SUMMER STREET.

Ordered, That the board of public works be and is hereby authorized to build certain sewers as follows: Commencing at the sewer line of Grove street and thence in a northerly direction to the sewer line of

summer street in Willow street in said city; commencing at the present sewer crossing Railroad street north of Whittemore avenue and thence in a southerly direction about six hundred (600) feet in Railroad street in said city; commencing at the present sewer in Montgomery street south of Mason street and thence in a northerly direction to the sewer line of Bremer street in Montgomery street in said city; commencing at the terminus of the present sewer in Grove street, west of Willow street, and thence in an easterly direction to the sewer line of Willow street in Grove street in said city; commencing at the present northerly terminus of the sewer in North Adams street, north of Clarke street, and thence in a northerly direction to the sewer line of Carpenter street in North Adams street in said city; commencing at the sewer line of Taylor street and thence in a westerly direction two hundred (200) feet in Vinton street in said city; commencing at the sewer line of Hall street and thence in an easterly direction to the sewer line of Belmont street in Manning street in said city; beginning at the sewer line of Amory street and thence in a northerly direction to the sewer line of Kelley street in Lafayette street in said city; commencing at the sewer line of A street and thence in a southerly direction to the sewer line of McDuffie street in South Main street in said city; commencing at the sewer line of Mason street and thence in a southerly direction to the sewer line of Bremer street in Reed street in said city; commencing at the sewer line of Holly avenue and thence in a southerly direction to the sewer line of Vinton street in Taylor street in said city; commencing at the sewer line of Taylor street and thence in an easterly direction eight hundred (800) feet in Vinton street in said city; beginning at the sewer line of Kelley street and thence in a northerly direction about one hundred eighty-five (185) feet in Reed street in said city; commencing at the sewer line of Mammoth road and thence in an easterly direction to the sewer line of Revere avenue in Candia road in said city; beginning at the easterly terminus of the sewer as voted in by the board of mayor and aldermen April 21, 1914, being 85 feet easterly of the sewer line of Hall street and thence in an easterly direction to the sewer line of Belmont street in Cilley road in said city; and the expense thereof to be charged to the appropriation for new sewers.

Passed September 21, 1915.

AN ORDER RELATING TO A HOSE HOUSE AT LAKE MASSABESIC.

Ordered, That the mayor and committee on lands and buildings be and hereby are authorized and empowered to expend the sum of one

thousand dollars for a hose house at Lake Massabesic, said hose house to be situate on land owned by the city of Manchester and upon a site to be selected by the committee on fire department; the expense to be charged to appropriation for hose house at Lake Massabesic, and not to exceed the same.

Passed September 21, 1915.

AN ORDER TO INSTALL FIVE 600 C. P. TUNGSTEN LIGHTS AND DISCONTINUE FIVE 60 C. P. TUNGSTEN LIGHTS.

Ordered, That the mayor and committee on lighting streets be and are hereby authorized and empowered to substitute 600 c. p. Tungsten lights for the 60 c. p. Tungsten lights at the following locations: Corner of Chestnut and Orange streets; corner of Chestnut and Sagamore streets; corner of Kelley and Dubuque streets; corner of Kelley and Montgomery streets; corner of Somerville and Belmont streets; the expense thereof to be charged to the appropriation for lighting streets.

Passed October 19, 1915.

AN ORDER TO INSTALL FORTY-TWO TUNGSTEN LIGHTS.

Ordered, That the mayor and committee on lighting streets be and are hereby authorized and empowered to install nine 600 c. p., nineteen 100 c. p. and fourteen 60 c. p. Tungsten lights, with proper fixtures for operating the same; the expense thereof to be charged to the appropriation for lighting streets; said lights to be located as follows: 600 c. p. Tungsten lights—Corner of Myrtle and Ash streets; corner of Ashland and Bridge streets; corner of Highland and Amherst streets; corner of Putnam street and Notre Dame avenue; on Coolidge avenue between Amory street and Notre Dame avenue; corner of Reed and Kelley streets; corner of Boynton and Bank streets; in the center of Lafayette Park; in the center of Prout Park. 100 c. p. Tungsten lights: Corner of Myrtle and Hall streets; corner of East High and Weston streets; on Russell street between Blodget and Harrison streets; on Concord street near Haines Lane; corner of Amory and Columbus streets; corner of Cumberland and Monitor streets; corner of Essex and Monitor streets; corner of Thornton street and Janelle avenue; corner of Coolidge avenue and Mason street; corner of Wilson and Grove streets; corner of Clay

and Belmont streets; corner of Merrill and Woodman streets; corner of Beech and Somerville streets; corner of Turner street and Ferry south back street; corner of Fourth and School streets; on Third street between Walker and Blaine streets; on Merrimack street between Cass and Beacon streets; corner of Carpenter and Ray streets; on North River Road between Monroe and West Clarke streets. 60 c. p. Tungsten lights: Corner of Delaware avenue and Hanover street; corner of Calef road and Elmhurst avenue; corner of Mill and Third streets; corner of Vinton and Cypress streets; on Kennard road, 2 lights; corner of Fenton street and Rockland avenue; corner of Jewett street and Weston road; corner of Mammoth road and Hanover street; on Brown avenue, 2 lights; corner of Porter street and Cilley road; corner of High south back and Pine west back streets; on Island Pond road.

Passed October 19, 1915.

AN ORDER DISCONTINUING TWO ARC LIGHTS, FIFTEEN 60 C. P. LIGHTS AND INSTALLING TWENTY-ONE 100 C. P. TUNGSTEN LIGHTS.

Ordered, That the mayor and committee on lighting streets be and are hereby authorized and empowered to discontinue the seven 60 c. p. lights on McGregor bridge and the eight 60 c. p. lights on Granite bridge, installing in place thereof fifteen 100 c. p. Tungsten lights; to discontinue the arc light at the corner of Conant and Montgomery streets and the arc light at the corner of Beech and Mystic streets and installing 100 c. p. Tungsten lights at the following locations: Corner of Conant and Montgomery streets; corner of Conant and Hevey streets; corner of Conant and Quincy streets; corner of Beech and Mystic streets; on Mystic street between Beech street and Calef road, 2 lights; said new lights to be equipped with proper fixtures for operating the same and the expense thereof to be charged to the appropriation for lighting streets.

Passed November 16, 1915.

AN ORDER TO INSTALL TWO 600 C. P. AND EIGHT 100 C. P. TUNGSTEN LIGHTS.

Ordered, That the committee on lighting streets be and is hereby authorized and empowered to install two 600 c. p. and eight 100 c. p. Tungsten lights with proper fixtures for operating the same, the

expense thereof to be charged to the appropriation for lighting streets; said lights to be located as follows: 600 c. p. Tungsten lights corner of Alsace and Bremer streets; corner of Shasta and Beech streets; 100 c. p. Tungsten lights: Corner of Maple and Lodge streets; corner of Prescott and Hall streets; corner of Maple and Howe streets; on South Beech street between Mitchell street and Titus avenue, 2 lights; on Bartlett street half way on hill leading to Amory street; corner of Mead and Belmont streets; corner of Taylor and Clay streets.

Passed December 7, 1915.

AN ORDER TO INSTALL EIGHTEEN 600 C. P. TUNGSTEN LIGHTS AND TEN 100 C. P. TUNGSTEN LIGHTS AND TO DISCONTINUE SIXTEEN 60 C. P. TUNGSTEN LIGHTS AND FOUR ARC LIGHTS.

Ordered, That the committee on lighting streets be and is hereby authorized and empowered to discontinue the sixteen 60 c. p. Tungsten lights at the following locations and substitute 600 c. p. lights: Corner of Kelley and Joliette streets; corner of Union and Sagamore streets; corner of Union and Webster streets; corner of Bay and Webster streets; corner of Walnut and Orange streets; corner of Walnut and Prospect streets; corner of Beech and Orange streets; corner of Maple and Pearl streets; corner of Bridge and Beacon streets; on Hanover street near Merrimack street and re-locate at the corner of Hanover and Merrimack streets; corner of Maple and Valley streets; corner of Lincoln and Valley streets; corner of Willow and Valley streets; corner of Main and Conant streets; corner of Main and Adams streets; on Cypress street between Massabesic street and Hospital avenue.

To install two 600 c. p. Tungsten lights at the following locations: Corner of Hancock and McNeill streets; corner of Silver and Maple streets.

To discontinue four arc lights at the following locations and substitute six 100 c. p. Tungsten lights: In Nutfield Lane between Concord and Amherst streets; on Union street between Laurel and Merrimack streets; corner of Turner and Ferry streets; on Titus avenue between Beech street and Calef road, 3 lights.

To install four 100 c. p. Tungsten lights at the following locations: Corner of Kelley and Kimball streets; corner of Pinard and Edmond streets; corner of Henriette and Edmond streets; corner of Beech and Mystic streets.

Said new lights to be equipped with proper fixtures for operating the same and the expense thereof to be charged to the appropriation for lighting streets.

Passed December 21, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 1 OF CHAPTER 4, SECTION 20 OF CHAPTER 6, AND SECTIONS 1 AND 6 OF CHAPTER 11 OF THE LAWS AND ORDINANCES, RELATING TO THE FIRE DEPARTMENT.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 1 of chapter 4 in the third line thereof after the word "engineer" by adding the words "deputy chief engineer," so that said section, as amended, shall read as follows:

SECTION 1. The board of mayor and aldermen shall, in the month of January biennially, elect a city clerk, city treasurer, city physician, chief engineer, deputy chief engineer, and assistant engineers of the fire department, city messenger, city solicitor, constables, and corders and measurers of wood, bark, and manure, weighers of hay, straw, coal and other articles, inspectors of petroleum, surveyors of lumber, fence viewers, sealer of weights and measures, cullers of brick, measurers of stone, measurers of brick and plastering, measurers of painting, cullers of hoops and staves, sealers and measurers of leather and measurers of coal, and shall in the month of April, 1911, and every fourth year thereafter, elect a superintendent of buildings.

SECT. 2. Amend section 20 of chapter 6 by striking out the whole of said section and inserting in place thereof the following new section:

SECT. 20. The chief engineer of the fire department shall have charge of all fire department apparatus, horses, stables, and property of every description belonging to the department; he shall attend to all duties appertaining to the fire department, and shall receive in full for his services the sum of twenty-two hundred dollars per annum, to be paid semi-monthly. The deputy chief engineer shall perform all duties required of him by the board of engineers and shall receive in full for his services the sum of sixteen hundred dollars per annum, to be paid semi-monthly. Each assistant engineer shall receive the sum of three hundred dollars per annum, in full for his services and for all duties appertaining to his office, to be paid in equal quarterly payments.

The board of engineers shall elect one of their number clerk, who shall record the proceedings of the board, and do such other things as shall be required of him by the board, and shall receive in full for his services as such clerk the sum of seventy-five dollars per annum, payable quarterly.

SECT. 3. Amend section 1 of chapter 11 by striking out the whole of said section and inserting in place thereof the following new section:

SECT. 1. The fire department shall consist of a chief engineer, a deputy chief engineer who shall be permanently attached to the

department headquarters, two assistant engineers, and as many engine men, hose men, and hook-and-ladder men to be divided into companies as the number of engines and the number and quantity of the other fire apparatus belonging to the city shall from time to time require. And said engineers shall constitute the board of engineers, and shall perform the duties and exercise the powers of firewards. The chief engineer, the deputy chief engineer or assistant engineers shall in no case be eligible to any other office or membership in the fire department.

SECT. 4. Amend section 6 of chapter 11 by striking out the whole of said section and inserting in place thereof the following new section:

SECT. 6. In the absence of the chief engineer, the deputy chief engineer shall have the same powers and perform the same duties that belong to the chief engineer, and in the absence of the chief engineer and of the deputy chief engineer, the assistant engineer of highest rank shall have the powers and perform the same duties that belong to the chief engineer; and seniority of rank of assistant engineers shall be determined by the board of engineers immediately upon their entering upon the duties of their office.

SECT. 5. This ordinance shall take effect upon its passage, and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed January 4, 1915.

AN ORDINANCE CHANGING THE NAME OF A CERTAIN STREET IN THE CITY OF MANCHESTER.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. That the highway known as Main west back street from Wilton street to Bremer street (proposed) be and is hereby changed to Flaherty lane.

SECT. 2. This ordinance shall take effect upon its passage.

Passed February 16, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 1 OF CHAPTER 42 OF THE LAWS AND ORDINANCES, REGULATING THE COLLECTION OF GARBAGE.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 1 of chapter 42 of the laws and ordinances in the seventeenth line thereof after the word "of" by striking

out the words "mayor and aldermen" and inserting in place thereof the words "public works," so that said section, as amended, shall read as follows:

SECT. 1. No person or persons, other than those duly employed by the scavenger department of the board of public works of the city of Manchester, shall set up, employ or use any team, wagon, sleigh, or other vehicle for gathering or collecting garbage, swill, offal, or other refuse within the limits of the city without first obtaining, for each vehicle so used, a license from the board of public works, who shall grant such license upon application, under such restrictions and regulations as it may prescribe, and it shall assign to each vehicle so licensed a number, and a record of such license shall be kept by the clerk. Every person obtaining such a license shall pay therefor the sum of fifty cents for each such vehicle for the use of the city. Such license may be revoked at any time for any violation of the provisions of this section or for other good cause by the board of public works. Every wagon or other vehicle so licensed shall be conspicuously marked with the number assigned to it by the board of public works, in metallic figures not less than one and one-half inches long, the same to be furnished by the clerk, and the name of the owner shall be plainly displayed on the wagon or other vehicle.

SECT. 2. This ordinance shall take effect upon its passage, and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed March 2, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 1 OF CHAPTER 43 OF THE LAWS AND ORDINANCES, RELATING TO THE SYSTEMATIC INSPECTION OF BUILDINGS IN CERTAIN DISTRICTS.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION. 1. Amend section 1 of chapter 43 of the laws and ordinances in the fourth line thereof after the word "practicable" by adding the words "but not less than twice a year," so that said section, as amended, shall read as follows:

SECT. 1. It shall be the duty of the board of fire engineers to cause to be inspected by officers or members of the fire department, as often as may be necessary or practicable, but not less than twice a year, all buildings and premises in the closely built sections of the city, except the interior of private dwellings, for the purpose of ascertaining and causing to be corrected any conditions therein that tend to increase the fire hazard. Whenever such inspection shall disclose

in any such building or premises any such conditions, the board of fire engineers shall order the same to be corrected and such order shall be complied with by the owner or occupant of such building or premises subject to appeal within twenty-four hours to the mayor, who shall, within ten days, review such order and file his decision thereon, and unless the order is revoked or modified, it shall be obeyed by such owner or occupant within ten days thereafter. The service of any such order shall be made by the board of fire engineers or its authorized agent upon the owner or occupant of said premises, or both, by giving in hand to him or them a true copy of the order or by posting such a copy conspicuously upon the premises and, in case the owner is out of the jurisdiction, by mailing a true copy to his last known address.

SECT. 2. This ordinance shall take effect upon its passage.

Passed March 2, 1915.

AN ORDINANCE IN AMENDMENT OF CHAPTER 41 OF THE LAWS AND ORDINANCES OF THE CITY OF MANCHESTER, RELATING TO THE LICENSING OF NEWSBOYS AND BOOTBLACKS.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 2 of said chapter by striking out the words "truant officers" wherever these words appear in said section and substituting therefor the words "superintendent of schools," and by striking out the word "they" wherever it ocurs in said section and inserting in place thereof the word "he," so that said section, as amended, shall read:

SECT. 2. The superintendent of schools shall issue all badges in accordance with the provisions of this ordinance. He shall issue no badge except upon the application of the parent or guardian or of some responsible citizen of the city of Manchester if the applicant is under fourteen years of age. Upon receipt of the said application properly executed, the said superintendent of schools shall thereupon issue a badge and he shall further keep a record in a book provided for that purpose, showing the name and age of the applicant and the date of issuing, and he shall retain properly filed all documents necessary to support the said record. Such badge shall be of a suitable design approved by the board of mayor and aldermen, and the applicant shall make a deposit of fifty cents for the same, to be returned upon the surrender of the badge.

SECT. 2. Amend section 3 of said chapter by striking out the words "truant officers" wherever the same appear in said section and

substituting therefor the words "superintendent of schools," so that said section, as amended, shall read:

SECT. 3. The said applicant shall be a resident of the city of Manchester and shall conform to the laws of the state of New Hampshire, the ordinances of the city of Manchester, and the regulations of the board of mayor and aldermen of said city; he shall surrender his badge to the superintendent of schools when notified that his license has been revoked; shall not transfer nor loan his badge nor furnish any unlicensed persons with newspapers or the like; shall not, unless at least fourteen years of age, sell newspapers or the like after nine o'clock in the evening except on days of national, state and city elections; shall not at any time while so working or selling fail to wear conspicuously in sight the badge issued to him as aforesaid:

SECT. 3. All ordinances and parts of ordinances inconsistent with this ordinance are hereby repealed and this ordinance shall take effect upon its passage.

Passed March 16, 1915.

AN ORDINANCE IN AMENDMENT OF CHAPTER 6 OF THE LAWS AND ORDINANCES, RELATING TO THE SALARY OF THE OVERSEER OF THE POOR.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend chapter 6 of the laws and ordinances by adding the following new section to be known as section 31:

SECT. 31. The overseer of the poor shall receive in full for his services and for all the duties appertaining to his office the sum of fifteen hundred dollars per annum, to be paid semi-monthly.

SECT. 2. This ordinance shall take effect April 1, 1915.

Passed March 16, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 21 OF CHAPTER 6 OF THE LAWS AND ORDINANCES, RELATING TO THE TIME OF PAYMENT OF THE CALL FIREMEN.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 21 of chapter 6 of the laws and ordinances in the fifteenth line thereof after the word "equal" by striking

out the words "semi-annual payments on the first days of January and July" and substituting in place thereof the words "quarterly payments on the first days of January, April, July and October," so that said section, as amended, shall read as follows:

SECT. 21. The compensation of the several hook-and-ladder, hose, steam fire engine and chemical engine companies, who shall personally perform all the duties required by law, shall be as follows: Permanent captains of fire companies, each, eleven hundred dollars per anum; permanent lieutenants of fire companies, each, one thousand twenty-five dollars per annum; permanent engineers of fire companies, each, ten hundred and fifty dollars per annum; other permanent men of fire companies, each, eight hundred dollars per annum for first year, nine hundred dollars per annum for second year, and one thousand dollars per annum for third year and thereafter, all payable semi-monthly. Call engineers of steamers, each, two hundred and thirteen dollars per annum; lieutenants of fire companies, each, one hundred and ninety-eight dollars per annum; clerks of fire companies, each, one hundred and ninety-eight dollars per annum; all other members of fire companies, each, one hundred and eighty-eight dollars per annum; all payable in equal quarterly payments on the first days of January, April, July and October.

Whenever a substitute, except a spare driver, so called, is employed by a permanent fireman, so called, he shall receive the same compensation as the said permanent fireman, to be paid by the city treasurer, upon voucher of chief engineer duly approved by the committee on accounts.

SECT. 2. This ordinance shall take effect upon its passage, and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed April 20, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 595 OF CHAPTER 14 OF THE LAWS AND ORDINANCES, RELATING TO PORTABLE SCHOOLHOUSES.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 595 of chapter 14 of the laws and ordinances in the sixth line thereof after the word "buildings" by adding the following: "but the provisions of this section shall not apply to portable schoolhouses of a type approved by the superintendent of schools and superintendent of buildings and provided further that the said portable schoolhouses are used and maintained by the city of Manchester," so that said section, as amended, shall read as follows:

SECT. 595. Buildings or structures of a character and for purposes different from those provided for in this code, whether temporary or permanent, shall be constructed in such manner and under such conditions as may be prescribed by the superintendent of buildings, but the provisions of this section shall not apply to portable schoolhouses of a type approved by the superintendent of schools and superintendent of buildings and provided further that the said portable schoolhouses are used and maintained by the city of Manchester.

SECT. 2. This ordinance shall take effect upon its passage, and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed April 20, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 93 OF THE BUILDING CODE, RELATING TO THE FIRE LIMITS.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 93 of the building code in the twentieth line thereof after the word "of" by striking out the words "Laurel south back street" and inserting in place thereof the words "Auburn street;" further amend said section in the twenty-first line thereof after the word "of" by striking out the words "Laurel south back street" and inserting in place thereof the words "Auburn street;" further amend said section in the twenty-third line thereof after the word "of" by striking out the words "Seneca lane" and inserting in place thereof the words "Orange street;' further amend said section in the twenty-fourth line thereof after the word "of" by striking out the words "Seneca lane" and inserting in place thereof the words "Orange street," so that said section, as amended, shall read as follows:

SECT. 93. The fire limits of the city of Manchester shall be that portion of the city on the east side of the Merrimack river included within the following limits, to wit:

Beginning at the intersection of the center line of Harrison street with the center line of Pine street; thence westerly by the center line of Harrison street to the center line of Elm street; thence northerly by the center line of Elm street to the center line of Langdon street; thence westerly by the center line of Langdon street to the center line of Elm west back street; thence southerly by the center line of Elm west back street to the center line of Bridge street; thence southerly by a line one hundred ten feet west of the west line of Elm street and parallel thereto to the center line of Spring street:

thence southerly by the center line of Hampshire lane to the center line of Pleasant street; thence westerly by the center line of Pleasant street to the right of way of the Boston and Maine Railroad; thence in a southeasterly direction along the right of way of the Boston and Maine Railroad to the center line of Hayward street extended westerly; thence easterly by the center line of Hayward street extended and the center line of Hayward street to the center line of Pine street; thence northerly by the center line of Pine street to the center line of Auburn street; thence easterly by the center line of Auburn street to the center line of Union street; thence northerly by the center line of Union street to the center line of Orange street; thence westerly by the center line of Orange street to the center line of Pine street; thence northerly by the center line of Pine street to the center line of Harrison street at the point of beginning.

And on the west side of said river, that portion of the city bounded as follows:

Beginning at the intersection of the center line of Main street with the center line of the northerly terminus of McGregor street; thence westerly by an angle of ninety degrees to the easterly line of Main west back street; thence southerly by the easterly line of Main west back street to the southerly line of Wilton street; thence southerly on a line one hundred feet westerly from and parallel to the westerly line of Main street and South Main street to the center line of Mast street; thence southeasterly by the center line of Mast street and the center line of Log street to a point one hundred feet easterly from the easterly line of South Main street; thnce northerly on a line one hundred feet easterly from and parallel to the easterly line of South Main street and Main street to the center line of Douglas north back street; thence westerly by the center line of Douglas north back street to the center line of Main street; thence northerly by the center line of Main street to the southerly terminus of the center line of McGregor street; thence northeasterly by the center line of McGregor street to the center line of West Bridge street; thence northwesterly by the center line of McGregor street to the point of beginning.

Sect. 2. This ordinance shal take effect upon its passage, and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed April 20, 1915.

AN ORDINANCE CHANGING THE NAME OF A CERTAIN STREET IN THE CITY OF MANCHESTER.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. That the highway known as Elm west back street from Bridge street to Langdon street be and is hereby changed to North Hampshire lane.

SECT. 2. This ordinance shall take effect upon its passage.

Passed May 28, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 12 OF CHAPTER 6 OF THE LAWS AND ORDINANCES, RELATING TO THE SALARIES OF THE MEMBERS OF THE BOARD OF REGISTRARS OF VOTERS.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 12 of chapter 6 of the laws and ordinances by striking out the whole of said section and substituting the following new section:

SECT. 12. The clerk of the board of registrars of voters shall receive in full for all services by him performed the sum of six hundred dollars per annum, payable semi-monthly, and the other members of said board shall each receive in full for all services by them performed the sum of three hundred dollars per annum, payable semi-monthly.

SECT. 2. This ordinance shall take effect upon its passage and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed May 28, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 1 OF CHAPTER 4, SECTION 20 OF CHAPTER 6, AND SECTIONS 1 AND 6 OF CHAPTER 11 OF THE LAWS AND ORDINANCES, RELATING TO THE FIRE DEPARTMENT.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 1 of chapter 4 by striking out the whole of said section and substituting the following new section:

SECTION 1. The board of mayor and aldermen shall in the month of January biennially, elect a city clerk, city treasurer, city physician, chief engineer, first deputy chief engineer, and second deputy chief engineer of the fire department, city messenger, city solicitor, constables, and corders and measurers of wood, bark, and manure, weighers of hay, straw, coal and other articles, inspectors of petroleum, surveyors of lumber, fence viewers, sealer of weights and measures, cullers of brick, measurers of stone, measurers of brick and plastering, measurers of painting, cullers of hoops and staves, sealers and measurers of leather, measurers of coal, and shall in the month of April, 1911, and every fourth year thereafter, elect a superintendent of buildings.

SECT. 2. Amend section 20 of chapter 6 by striking out the whole of said section and inserting in place thereof the following new section:

SECT. 20. The chief engineer of the fire department shall have charge of all fire department apparatus, horses, stables, and property of every description belonging to the department; he shall attend to all duties appertaining to the fire department, and shall receive in full for his services the sum of twenty-two hundred dollars per annum, to be paid semi-monthly.

The first deputy chief engineer shall perform all duties assigned to him by the board of engineers and shall receive in full for his services the sum of sixteen hundred dollars per annum, to be paid semi-monthly.

The second deputy chief engineer shall perform all duties assigned to him by the board of engineers and shall receive in full for his services the sum of sixteen hundred dollars per annum, to be paid semi-monthly.

The board of engineers shall elect one of its members clerk, who shall record the proceedings of the board, and do such other things as shall be required of him by the said board.

SECT. 3. Amend section 1 of chapter 11 by striking out the whole of said section and inserting in place thereof the following new section:

SECTION 1. The fire department shall consist of a chief engineer, a first deputy chief engineer, who shall be permanently attached to department headquarters, a second deputy chief engineer, who shall be permanently attached to the headquarters of engine company No. 2 West Manchester, and as many engine men, hose men, and hook-and-ladder men to be divided into companies, as the number of engines and the number and quantity of the other fire apparatus belonging to the city shall from time to time require.

Said engineers shall constitute the board of engineers, and shall perform the duties and exercise the powers of firewards. The chief engineer, the first deputy chief engineer or the second deputy chief engineer shall in no case be eligible to any other office or membership in the fire department.

SECT. 4. Amend section 6 of chapter 11 by striking out the whole of said section and inserting in place thereof the following new section:

SECT. 6. In the absence of the chief engineer, the first deputy deputy chief engineer shall have the same powers and perform the same duties that belong to the chief engineer, and in the absence of the chief engineer and of the first deputy chief engineer, the second deputy chief engineer shall have the same powers and perform the same duties that belong to the chief engineer.

SECT. 5. This ordinance shall take effect upon its passage and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed June 29, 1915.

AN ORDINANCE RELATING TO THE PERMANENT MEMBERS OF THE MANCHESTER FIRE DEPARTMENT.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. That there be and is hereby added to the Manchester Fire Department thirteen permanent men and the number of call firemen, so called, of said department be and is hereby decreased eighteen men.

SECT. 2. This ordinance shall take effect July 15, 1915.

Passed June 29, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 19 OF CHAPTER 19 OF THE LAWS AND ORDINANCES, RELATING TO THE ERECTION OF A MARQUISE OVER THE SIDEWALK IN FRONT OF THE ENTRANCE TO THE L. M. FOLSOM STORE AT 872 TO 886 ELM STREET.

Be it ordained by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 19 of chapter 19 of the laws and ordinances for the purpose of allowing Leslie M. Folsom to erect and maintain a marquise over the sidewalk in front of the entrance to the store at Nos. 872 to 886 Elm street in the city of Manchester; said marquise to be nineteen feet, six inches in length, ten feet six inches in width, the lowest part thereof to be eight feet six inches above the

sidewalk; said marquise to be safely attached to said building, to be strongly supported and to be erected under the supervision of the superintendent of buildings in accordance with accompanying plan, which is hereby made a part of this ordinance.

SECT. 2. The intent of this ordinance is to amend section 19 of chapter 19 of said laws and ordinances for the above mentioned purpose and for no other purpose whatsoever.

SECT. 3. This ordinance shall take effect upon its passage.

Passed September 21, 1915.

AN ORDINANCE CHANGING THE NAME OF A CERTAIN STREET IN THE CITY OF MANCHESTER.

Be it ordained, by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. That the highway known as Central south back street from Manhattan lane to Hall street be and is hereby changed to Litchfield lane.

SECT. 2. This ordinance shall take effect upon its passage.

Passed September 21, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 15 OF CHAPTER 11 OF THE LAWS AND ORDINANCES RELATING TO LEAVE OF ABSENCE OF PERMANENT MEMBERS OF THE FIRE DEPARTMENT.

Be it ordained, by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 15 of chapter 11 of the laws and ordinances in the third line after the word "each" by striking out the word "ten" and inserting in place thereof the word "eight," so that section 15, as amended, shall read as follows:

SECT. 15. Each permanent member of the fire department shall be allowed one whole day's leave of absence in each eight days, in addition to two weeks' vacation in each year without loss of pay; but the chief engineer shall determine what days the leave of absence shall be granted.

SECT. 2. This ordinance shall take effect upon its passage and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed November 16, 1915.

AN ORDINANCE IN AMENDMENT OF CHAPTER 11 OF THE LAWS AND ORDINANCES, RELATING TO THE TESTING OF HOSE AND STEAMERS AND ESTABLISHING A SYSTEM OF DRILLS IN THE MANCHESTER FIRE DEPARTMENT.

Be it ordained, by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend chapter 11 of the laws and ordinances by adding the following new sections to be known as sections 18, 19, and 20:

SECT. 18. It shall be the duty of the board of engineers to cause all hose in service in the fire department to be tested by water pressure, in the most approved manner, not less than once a year, and the transmission, as soon as practical thereafter, of the result of each such test to the city clerk; each test to include the following data regarding each length of hose tested: Its identification number, date of purchase, maker's name, whether relined or not, its behavior under test and such other data as the good of the service requires. It shall also be the duty of the board to transmit to the city clerk after each test, a record of all damaged hose, which shall include the number of each length, date of purchase, maker's name and whether relined or not.

SECT. 19. It shall be the duty of the board of engineers to cause to be tested at least once annually each steam fire engine in such manner as will fully demonstrate its condition as to the soundness of its boiler, its pumping capacity for drafted water and the condition of its pumps, and in addition to cause to be tested at least once annually each steamer in the department for the purpose of giving the company attached to the said steamer practice in all matters connected with its use. The result of each such tests, in full detail, to become a part of the permanent records of the department.

SECT. 20. It shall be the duty of the board of engineers to institute a regular system of practice drills and instruction periods, covering all branches of fire fighting and life saving service; the number of drills to be not less than two annually for each fire company; a record of the date, nature of drill in detail, members in attendance, duration of drill and such other data as may be required for the good of the service shall be made a part of the permanent records of each company.

SECT. 2. This ordinance shall take effect upon its passage and all ordinances or parts of ordinances inconsistent herewith are hereby repealed.

Passed December 28, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 17 OF CHAPTER 11 OF THE LAWS AND ORDINANCES, RELATING TO MEMBERSHIP IN THE MANCHESTER FIRE DEPARTMENT.

Be it ordained, by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 17 of chapter 11 of the laws and ordinances in the eighth line by striking out all after the word "years" and substituting the following: "or over the age of sixty-five years; who is subject to any physical or mental defect or addicted to any habit which impairs his efficiency; who is not a resident of Manchester and a citizen of the United States or who does not sustain a good moral character," so that said section, as amended, shall read as follows:

SECT. 17. If any member of either of the several companies shall wilfully neglect or refuse to discharge his duty, or shall be guilty of disorderly conduct or disobedience to any officer or to any engineer, he shall for any such offense be forthwith dismissed from the department. No person shall be a member of, or serve in the fire department who is under the age of twenty-one years, or over the age of sixty-five years; who is subject to any physical or mental defect or addicted to any habit which impairs his efficiency; who is not a resident of Manchester and a citizen of the United States or who does not sustain a good moral character.

SECT. 2. This ordinance shall take effect January 1, 1917, and all ordinances or parts of ordinances inconsistent herewith, are hereby repealed.

Passed December 28, 1915.

AN ORDINANCE IN AMENDMENT OF SECTION 12 OF CHAPTER 7, SECTIONS 4 AND 7 OF CHAPTER 6 OF THE LAWS AND ORDINANCES, RELATING TO THE MANNER OF MAKING APPROPRIATIONS AND THE DUTIES AND COMPENSATION OF THE CITY CLERK.

Be it ordained, by the Board of Mayor and Aldermen of the City of Manchester, as follows:

SECTION 1. Amend section 12 of chapter 7 of the laws and ordinances by striking out the whole of said section and substituting in place thereof the following new section:

SECT. 12. The mayor shall, biennially, in the month of January, appoint a committee on finance consisting of the mayor and seven aldermen. It shall be the duty of this committee to prepare and lay

before the board of mayor and aldermen, the annual budget relating to the raising of money and making appropriations for the current fiscal year, and all resolutions relating to the raising of money by taxation, loan or otherwise, stating the amount necessary to be raised and the objects and purposes for which it shall be expended. The mayor, city clerk and city auditor shall be a committee whose duties shall be to annually prepare and lay before the board of mayor and aldermen an estimate of the amount of money necessary to be raised for the current fiscal year for state and county taxes, street lighting, hydrant service, auditor's department, central department, so called, and for all other items not otherwise provided for or submitted.

SECT. 2. Amend section 4 of chapter 6 of the laws and ordinances by striking out the whole of said section and substituting in place thereof the following new section:

SECT. 4. He shall be clerk of all standing committees excepting the committees on accounts and cemeteries and he shall also act as clerk of all special committees. He shall attend their sessions and keep a record of their acts, votes and proceedings, which record shall be preserved by him as public records of the city, and perform such other services in his office as clerk of committees as the said committees shall require.

SECT. 3. Amend section 7 of chapter 6 of the laws and ordinances by striking out the whole of said section and substituting in place thereof the following new section:

SECT. 7. The city clerk shall receive for his services and duties connected with his office the sum of twenty-five hundred dollars per annum, to be paid semi-monthly.

SECT. 4. This ordinance shall take effect upon its passage and all ordinances or parts of ordinances inconsistent herewith, are hereby repealed.

Passed December 28, 1915.

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